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NATIONAL CENTER FOR INDUSTRIAL COMPETITIVENESS (NCIC)

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The National Center for Indus) trial Competi	tiveness (NCIC)	also known as NCI	C Capital	Fund, was established in 1994.
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NCIC functions as a private, I	loi-ioi-pioiii (Corporation to pr	where evaluation and	assessine	tachnical managerial and
funding for technology-based	businesses. I	Juring the perior	mance period, NCIC	provided	technical, managerial and
financial assistance to over 70	0 companies.	Technical assis	tance included acces	s to techno	ology transfer and technology
assistance centers. Manageria	al assistance in	ncluded reviews	of business plans, sa	les and ma	arketing plans, and assistance
in locating and securing source	es of financin	g to fund growtl	n. NCIC's financial	assistance	included the direct funding of
start-up and early stage compa	anies. NCIC's	s financial assist	ance amounted to ne	arly \$6.2 1	million in debt and equity
financing in 25 companies and	d \$3.5 million	in grants to Ohi	o businesses. These	funds wer	re matched by over \$37 million
from private sources and near	ly \$6.2 million	n from the State	of Ohio. There were	e nearly 40	00 jobs created or retained as a
result of NCIC's efforts. NCI	C also provid	ed direct project	funding for selected	projects of	lesignated by the U.S. Air
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1. Background

The National Center for Industrial Competitiveness (NCIC Capital Fund) was created in 1994 in response to the downsizing and closure of U. S. military bases within the U.S. Department of Defense (DoD). Ohio was hit particularly hard with thousands of jobs lost at Wright Patterson Air Force Base, the Defense Electronics Supply Center (DESC), and the Department of Energy's (DOE) Mound Plant. Local business leaders initiated discussions between the Ohio congressional delegation, DoD, WPAFB, and various economic development organizations to create an early-stage venture fund that would support the growth and development of small entrepreneurial firms to help mitigate the effects of defense cutbacks through technology transfer and commercialization.

NCIC, a private, not-for-profit 501(c)(6) organization, is a \$20.75 million capital fund comprised entirely of public monies. The Federal Government provided NCIC Capital Fund with \$12.75 million dollars and the State of Ohio provided \$10 million dollars, eight million dollars being provided as a grant and the remaining \$2 million dollars was made available in the form of Ohio 166 Program loans. The Ohio Department of Development (ODOD) monitored the progress and activities of NCIC through quarterly reports and by representation on the Investment Policy Committee and the Board of Trustees.

The Grant from the U.S. Air Force expired on January 13, 2001 with the final expenditure of all grant monies. This report constitutes the final report as required by the Grant Agreement with the U.S. Air Force. (Grant Agreement - F33615-94-5806 P00009.)

2. Summary

NCIC offers equity and debt financing to early-stage technology-based companies located in Ohio. It seeks technology-based companies that are market ready and have a broad market appeal. The typical NCIC investment is in a firm with fewer than 10 employees and requests less than \$500,000. Those firms are developing information technology, software, or applications of these for manufacturing. NCIC has made 25 investments in technology-based businesses and created nearly 400 new jobs as a result of expending all of the grant funds. NCIC's portfolio companies had revenues of over \$34 million in 2000.

NCIC employs five people. The President/CEO of NCIC is a former business owner/entrepreneur and has served on many Dayton area boards related to business, entrepreneurship and venture capital. The Vice President holds an MBA in Financial Administration, and is both a Certified Public Accountant and a Certified Management Accountant. He previously worked as a general manager and chief financial officer in the private sector. NCIC's Manager of Business Development is a Certified Economic Development Professional who has managed loan portfolios in excess of \$30 million. He serves on the boards of a regional venture capital association and a statewide economic development corporation. The Manager of Technology is a chemical engineer with extensive experience managing private sector projects. NCIC's Administrative Manager has held a number of administrative positions with companies in the private sector.

NCIC Capital Fund invests in start up and early stage companies meeting the following general criteria.

Management Team: NCIC requires a complete team, preferably one that has prior business building experience. This team should have the ability to understand the product or technology and to manage for growth. We prefer teams that have an "exit" mentality and a financial stake in the company.

Aggressive Growth: NCIC looks for companies in significant markets that demonstrate a growing demand for the technology and project realistic growth opportunities. We prefer companies that have an existing customer base or that are on the verge of commercialization.

Competitive Advantage: NCIC expects companies to have a sound technical base and a sustainable competitive advantage. We prefer companies that have secured a proprietary protection for their intellectual property and have plans for subsequent technical and product advances.

NCIC's mission is to function as an evaluation and assessment center to support the startup, growth and competitiveness of emerging technology-based businesses. Unlike private sector venture capitalists, NCIC reviews the business plans of every applicant with the intent of providing funding and/or linking these firms with other service providers, funding sources, entrepreneurial programs, or business mentors.

NCIC has received over 600 business plans since its inception in 1994. The following table summarizes the number of small companies served by NCIC CapitalFund. Table 1 shows the stages of NCIC's evaluation, assessment, and investment through which all business plans were processed. The table covers all business plans received through January 13, 2001.

Table 1. Evaluation, Assessment and Investment Assistance Provided by NCIC

SPECIFIC NCIC HELP PROVIDED	NUMBER OF SMALL	PERCENTAGE OF BUSINESS
	COMPANIES	PLANS
	SERVED	RECEIVED
Business Plans Received	722	100.0%
Business Plans That Passed Initial Screen	252	34.9%
Conducted Detailed Due Diligence	141	19.5%
Staff Presentation to Investment Policy Committee	48	6.6%
Presentation to Investment Policy Committee.	46	6.4%
Approved by Investment Policy Committee	34	4.7%
Approved by NCIC President	4	0.6%
Total Approved	25	3.5%
Received NCIC Investment	13	1.8%
Client withdrew request after approval	0	0.0%
Successfully exited investment	2	0.3%
Companies no longer in business	7	1.0%

According to an independent survey conducted by the State of Ohio in 1999, most of the companies that came to NCIC ultimately received financing, if not from NCIC, then from other sources as shown in Table 2.

Table 2. Companies Receiving Financing after Contacting NCIC

Other sources of financing (including loans) as reported by respondents to an independent survey in 1999	Percent reporting that they received funding
Bank loans	47.9%
Other private funding	38.0%
Loans/gifts from friends and/or family	21.0%
Other government organizations/agencies	28.2%
Private venture capital	23.9%
Own savings and money	7.0%

NCIC has provided financing to twenty-five companies. Four of these were equity investments, eleven were a combination of debt and warrants, while ten were simple loans. NCIC has attempted to leverage its dollars in order to attract other funding in each deal. On average, every dollar that NCIC invested leveraged over three dollars from other sources. This practice has enabled NCIC to adequately fund its investments while preserving capital and spreading the risk.

A minimum investment is \$200,000. In the first round of funding the maximum level of investment for NCIC funding is \$750,000. The cap on the total investment in one firm is \$1,500,000.

NCIC is an evergreen fund, seeking to recycle its public funds for continued private economic development by earning returns through various mechanisms such as the repayment of principal and interest, dividends, royalties and the redemption of equity and warrant positions. NCIC seeks to exit its investment within three to five years.

3. Investment Program

Industries Served

Thirty percent (32%) of NCIC's investments have been in the information technology and software industries. About 36% of its investments were made in manufacturing industries, 12 % in advanced materials, 8% in instrumentation and testing applications, and 12% funded other high technology industries. Figure 1 shows the industries served by NCIC

Roughly 46% of NCIC portfolio companies are in the startup stage at a point where the technology has been shown productive, offers a good value proposition to the market, and is beginning commercialization to a broad market. Twenty-four percent (24%) of NCIC investments are seed money for firms with a concept not yet fully developed. Similarly, 18% are companies in the preprofit stages of commercialization. Six percent (6%) of NCIC 's investments were for firms with well-established projects

Figure 1. Industry Sectors Served By NCIC

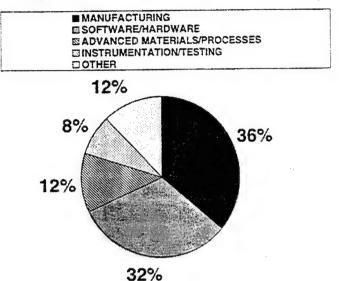
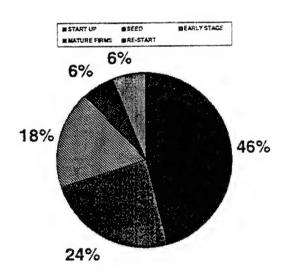


Figure 2. Stage Of Development



while another 6% of investment went to firms involved in re-starting their businesses. Figure 2 shows the stage of development of the companies at the time of NCIC's investment.

The Funding Process

Companies seeking direct investment are encouraged to meet with NCIC and submit an executive summary of their business plan for a preliminary assessment. The formal review process begins once an interested firm submits a complete business plan that includes the following: a description of the business; historical and projected financial statements; resumes of the management team; market assessment; and a marketing or sales plan.

If the business plan meets NCIC's general criteria, a more formal "due diligence" evaluation of the company and its management team is undertaken. A technology review is conducted to determine if the firm has a sustainable competitive advantage and a protected proprietary product. Approximately 40% of all applicants entered into this stage of the due diligence process. Evaluation takes about three to four months from business plan submission to a final funding decision.

Early in the due diligence process NCIC usually provides a term sheet so that applicants understand the types of obligations they will be accepting with the receipt of NCIC funds. While the terms of financing are often more favorable than those provided by a venture capitalist, they are also more demanding than those offered by a bank loan. Terms may include deferred payment of the principal and interest until the firm starts generating sales. Repayments may also be based on royalties from sales.

Fewer than 5.6% of the applicants emerge from the due diligence process and are presented to the NCIC Investment Policy Committee for review and final approval. This is a subcommittee of the Board of Trustees comprised of voting members, local venture capitalists, and angel investors. If the investment is approved, NCIC sends a commitment letter and proceeds to close on the deal. To date, roughly half of the applications presented to the NCIC Investment Policy Committee have resulted in closed deals. In some cases firms withdrew their application when the final terms were offered by NCIC.

For companies that do receive funds, NCIC continues to give advice and introduces the company to the region's network of business, technology and financial entities to bring a full range of value-added services. Expanding the business network of an emerging firm improves its competitiveness and provides greater opportunity for success.

Investment Milestones and Accomplishments

NCIC Capital Fund was the first seed and early stage venture capital corporation to be sponsored by both a state government (the State of Ohio) and the Federal Government. By the very nature of its public purpose to support the creation and growth of new technology NCIC Capital Fund was a unique model for economic development and job creation in that it is a publicly funded, private, not-for-profit corporation. As a model for economic development and job creation, NCIC Capital Fund accomplished some significant milestones and accomplishments. A complete listing of the chronology is provided in Appendix D. Key accomplishments are provided below.

- The availability of debt and equity financing for early stage and start-up companies attracted over 700 businesses to NCIC's offices with business plans.
- Investments of over \$12 million were made to 25 companies.

- These investments attracted over \$37 million in additional investments from other firms, individuals, banks and corporations.
- NCIC's client companies developed strategic partnerships with major corporations such as: General Motors, Goodyear Tire and Rubber Company, Hewlett-Packard, and Agilent Technologies.
- The employment by NCIC's client companies totaled over 400 persons at the end of December 2000.
- Several of the companies had achieved profitability and sustainable growth.
- Four of NCIC's companies (Applied Sciences, Bosma Machine and Tool, Century Aerospace, and Cohesia) took advantage of Federal Small Business Innovation Research (SBIR) programs.
- One company (Applied Sciences) participated in a National Institutes of Science and Technology (NIST) Advanced Technology Program (ATP) along with two fortune 50 companies. They have also participated in a number of Small Business Innovation Research (SBIR) projects with the US Department of Defense, the US Department of Energy and the National Science Foundation.
- One company participated in Small Business Innovation Research (SBIR) projects with both the National Science Foundation (NSF) and the National Institute of Science and Technology (NIST).
- Based on a survey of NCIC prospects, the State of Ohio concluded that 48% of the companies that went to NCIC for financial assistance ultimately received funding, if not from NCIC, then from banks, other venture capital firms, private investors, corporations, or government programs.

Special Projects

NCIC Capital Fund performed a grant management function for three US Air Force research and development projects. These projects were the Composites Affordability Initiative, the P4A (Programmable Powdered Preform Process for Aerospace) Project at the National Composites Center, and a corrosion prevention project at Robbins and Myers. Each project developed its own interim and final reports.

Composites Affordability Initiative

NCIC managed a \$1 million grant called the Composites Affordability Initiative (CAI) with the Edison Materials Technology Center, four large aerospace companies and one small business. Purpose of the project was to identify and evaluate alternative methods of manufacturing aircraft component parts in a more cost-effective manner. Composites are extensively used in a variety of hardware designs, both defense and commercial. While composite technology is still maturing, it is already having a profound effect on what hardware designers can achieve. Several leading American aerospace manufacturers were engaged in a major cooperative effort to develop software to help reduce the cost of manufacturing composite structures. Participants in the Composites Affordability Initiative (CAI) were Lockheed Martin, Northrop Grumman, Boeing Phantom Works, General Electric's Engine Division, Galorath Incorporated (also known as GA SEER™ Technologies) as well as representatives from the U.S. Air Force, the U.S. Navy and Ohio's Edison Materials Technology Center (EMTEC).

National Composites Center

The objective of the \$1,700,000 grant provided to the National Composite Center ("NCC") was to provide more affordable composite structural components via the use of advanced preform processing methods such as the Programmable Powdered Preform Process (P4) and its derivative application to aerospace (P4A). The program explored expanded application of these technologies and others for affordable aircraft, uninhabited air vehicles, missile, launch vehicle, and/or other types of aerospace and related structures.

Moyno Division, Robbins and Myers

The objective of the \$850,000 grant provided to the Moyno Division of Robbins and Myers was to conduct a research and development entitled, "Laser Coatings as an Alternative to Chrome Plating" project plan. Purpose of the project was to identify and evaluate alternative methods of applying corrosion resistant coatings to aircraft parts, using laser technology. The US Air Force was interested in finding environmental friendly alternatives to chrome plating for its hardware.

Technology Commercialization

NCIC's participated in technology commercialization activities with both the Wright Technology Network (WTN) and the Edison Materials Technology Center (EMTEC). Efforts with WTN focused on identifying technology commercialization opportunities for technology developed by the U.S. Air Force. NCIC worked with WTN to develop commercialization strategies for these technologies. Efforts with EMTEC focused on structuring EMTEC's Core Technology projects to enable EMTEC to recover some of its investment in these technology development projects.

Commercialization of Technologies Developed at Federal Facilities

NCIC executed a task order contract with the Wright Technology Network (WTN) to participate in technology reviews. The contract with WTN did not duplicate any efforts funded by either the US Air Force or the State of Ohio. Specifically, NCIC contracted with WTN to conduct independent technical and aerospace project cost evaluations for those investment proposals that utilized Wright Patterson technologies. WTN provided as-needed liaison to the base and access to its consultants for of NCIC's investment prospects.

NCIC provided liaison with the Wright Patterson Air Force Base and the Wright Laboratory's Technology Transfer Office to develop a proactive strategy between WTN and WPAFB involving the commercialization of technologies available at Wright-Patterson Air Force Base, NASA Glenn Research Center and other Federal facilities. These technologies had been developed under various government programs, the Cooperative Research and Development Agreement (CRDA), Advanced Technology Program (ATP) and Small Business Innovation Research (SBIR) programs are being evaluated for investment by NCIC. These efforts continue to provide both spin-off opportunities for commercialization of military technologies and spin-on technologies for potential defense applications. These technologies and the corresponding companies are listed in Appendix E.

Company Chief Executive Officer (CEO) Education and Training

NCIC sent the Chief Executive Officers (CEO's) of its Dayton area client companies through CEO Strategic Planning Courses offered by the Miami Valley Economic Development Coalition (MVEDC) and the Dayton Area Chamber of Commerce. The CEO's completed the course offered by the Miami Valley Economic Development Coalition. In August of 1996, the NCIC staff started mentoring local CEOs through the strategic planning course offered by the Dayton Area Chamber of Commerce. NCIC actively assisted companies in the development of advisory boards and the formation of Boards of Directors.

Fund raising for early stage and start-up companies

NCIC co-sponsored two different annual venture capital conferences in an effort to assist entrepreneurs attract investment capital for their firms. The conferences, the Innovest Venture Capital Conference and the Great Midwest Venture Capital Conference, were held each year in the spring and fall respectively. Innovest is a State of Ohio conference led by Economic Development Foundation (EDF) in Cleveland, Ohio whereby approximately 30 companies seeking investment capital could present their business plans to about 250 investors. The Indiana Business Modernization and Technology Corporation lead the Great Midwest Venture Capital Conference. The Great Midwest Venture Capital Conference covers companies located in 10 Midwestern states and is also attended by about 250 investors.

4. Results Achieved

Table 3 shows the outcomes of NCIC's efforts in terms of job creation, revenue generation and additional investment generation for its client companies

NCIC has provided evaluation and assessment services to over 700 companies and has linked many of these businesses to other service providers which include federal and state technology transfer services, manufacturing assistance, marketing assistance, and business development programs.

Table 3. Outcomes from NCIC Capital Fund's Investment Activities

OUTCOME MEASUREMENT	OUTCOME
Investments funded	25
Investment Provided by NCIC	\$12,386,778
Matching Funds Provided to Companies	\$37,700,000
Companies under management	16
2000 portfolio employment	372
2000 client company revenues, \$k	\$34,279,977
Successful exits	2
Investments lost	9
Dollars lost, \$k	\$2,850,381

5. Conclusions

NCIC Capital Fund has funded 25 companies and created over 400 new jobs as of December 31, 2000. These companies raised an additional \$37.7 million in debt and equity financing to match NCIC's investments. The matching funds amount to an average \$3.40 match for every dollar invested by NCIC. The businesses remaining in NCIC's portfolio continue to grow, increase revenues and create new jobs.

NCIC continues to work to revolve its funds. From inception through December 31, 2000, NCIC has generated gross portfolio revenue amounting to \$2,217,059, which is reinvested into additional prospect companies. NCIC, while managed like a "for-profit corporation," continues its mission as a funding source and as an evaluation and assessment center for entrepreneurs in the early stage of business startup.

APPENDICES

Appendix A - Summary of NCIC's Deal Flow
Appendix B - NCIC's Investment Prospects
Appendix C - NCIC's Investments Created High Value Added Jobs
Appendix D - Chronology of Milestones
Appendix E - Commercialization of Technology by NCIC's Prospects

Appendix A - Summary of NCIC's Deal Flow and Outcome Metrics

OVERALL DEAL FLOW (August 1994 through December 2000)

TYPE OF ACTIVITY	NUMBER	DOLLAR VALUE, \$MILLION
Inquiries received	>1,000	Unknown
Business plans reviewed	722	304.3
Businesses funded	25	11.1
Businesses approved for funding but later withdrawn	13	6.4
Businesses approved for funding but not yet funded	0	0.0
Business plans currently under review	3	2.3
Business plans being developed	21	15.3
Investment requests withdrawn, referred or rejected	673	269.2

ANNUAL DEAL FLOW AND OUTCOME METRICS

	1994	1995	1996	1997	1998	1999	2000	TOTAL
Business plans reviewed	16	155	122	85	89	132	185	722
Plans approved for investment	0	9	13	7	15	4	0	38
% Plans approved	N/A	5.8%	10.7%	5.9%	5.6%	3.0%	0.0%	5.0%
Approved amount, \$M	0	\$3.45	\$4.45	\$4.87	\$3.45	\$1.30	\$0	\$17.02
Businesses funded	0	8	7	3	2	5	0	25
First round investment, \$M	0	\$1.55	\$2.15	\$2.51	\$1.20	\$1.95	0	\$9.36
Follow on rounds funded	0	0	1	4	0	3	2	11
Follow on investments, SM	\$0	\$0	\$0.30	\$1.51	\$0	\$0.30	\$0.70	\$2.81
Total funded amount, \$M	\$0	\$1.55	\$2.45	\$2.62	\$1.20	\$1.,95	\$0.50	\$12.16
Matching investments, SM	\$0	\$4.98	\$5.68	\$2.,00	\$3.55	\$9.25	\$3.1	\$37.70
Year end employment	142	173	208	267	307	362	372	
Company revenues, \$M	\$6.7	\$10.4	\$18.4	\$17.2	\$23.4	\$27.2	\$34.3	

Appendix B - NCIC's Investment Prospects

Company Name

Product/Project Title

Other Funds NCIC Amount, \$ Leveraged, \$

Funded Investment Projects

Apex Technical Products	ProSep 800 GC Testing Equipment	\$500,000.00	\$550,000.00
Applied Sciences, Inc Pyrograf Products Inc.	Pilot Plant for Production of Carbon Fibers	\$500,000.00	\$2,000,000.00
Bosma Machine and Tool Corporation	Machining Process	\$200,000.00	\$2,240,000.00
Century Aerospace Corp.	The Century multi-purpose Jet (was the SPIRIT)	\$500,000.00	\$23,104,000.00
Cheyenne Industries, Inc.	Plastics Reprocessing Technology	\$74,900.00	\$125,000.00
Cohesia Incorporated	Develop MASS System (Material Specifications Software)	\$1,000,000.00	\$3,500,000.00
Color Savvy Systems, LLC	Business Expansion for Color Printing Products	\$400,000.00	\$2,500,000.00
Deep Discount Network (DDN Limited Partnership)	On Line Electronic Market Place for Industrial Electronics	\$100,000.00	\$300,000,00
Fisher Data Products	Motor Industry Testing equipment	\$700,000.00	\$700.000.00
Hearland Airlines	Commercial aline	\$500,000.00	\$6,000,000,00
IAMCARD, Inc.	IAMCARD Student Record Tracking System	\$235,000.00	\$200,000.00
InnoVan, incorporated	Step Van Manufacturing Business	\$150,000.00	\$1,000,000.00
Intelligent Algorithms, Inc	GIST Computerized Text Abstracting Product	\$500,000,00	\$500,000.00
KOHOL Systems, Inc.	Near Net Shape Casting Equipment for Automotive Parts	\$500,000,00	\$300,000.00
Masters Aerospace & Systems Group	Avionics Hardware and Software	\$500,000.00	\$500,000,00
New Carlisle Manufacturing	Water Jet Cutting Tools	\$49,999.00	\$110,000.00
Phytolife Sciences, Inc.	Establish a research center at Mound for clean up and natural products develop	\$500,000.00	\$1,000,000,00
Pinnacle Products Group	High Quality Graphics Printing on Recylced Rubber	\$500,000.00	\$1,150,000.00
Privatizer Systems, Incorporated (daylgroup)	Private Facsimile Transmission Equipment	\$500,000.00	\$1,000,000.00
Technology Institute for Manufacturing of Electron		\$100,000.00	\$345,000.00
Titus International	Wire Spool Manufacturer for Welders	\$100,000.00	\$450,000.00
Touchlite Industries, LTD	Business Expansion for the Touchilte Gas Grills, Gas Cooktops and the VendaGrilli	\$500,000.00	\$1,300,000.00
TransWave International	Cathodic Protection Monitoring and Control System	\$500,000.00	\$360,000.00
Varis Corporation	Commercial Print Controller	\$750,000.00	\$10,750,000.00
Vocalex Inc.	Marketing of Vocalex - Speech Magic Software	\$975,000.00	\$1,800,000.00
		\$11,034,899.00	\$61,784,000.00

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Product/Project Title

Company Name

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Product/Project Title

Other Funds Leveraged, \$ NCIC Amount, \$

Withdrawn Investment Projects

Withdrawn Investment Projects			
Eagle Tool & Machine Co., Inc.	Precision Matching	\$400,000.00	
Global Manufacturing Solutions	Air Bag Inflator Systems	\$500,000.00	\$5,628,000.00
R/P International	Manufacturing Mobile Shelter Systems		
Electric Transit, Inc.	Electric Irolley Buses	\$619,000.00	
SPECO	Focussed factory implementation for defense conversion	\$500,000.00	\$2,000,000.00
Dayton Hydro-Electric	Low Dam Hydro-Electric Power Plants	\$3,000,000.00	
I eland Electro-Systems	Electrical Power Systems	\$500,000.00	
Mound Laser and Photonics Center	Expansion of Laser Marking and Cutting Services Business	\$100,000.00	\$100,000.00
Recovered Energy Technologies Co. (RETCO)	Liquified Natural Gas (LNG) Production Equipment	\$500,000.00	\$1,900,000.00
GenWest Rail Services	Consulting for defense conversion for the US rail industry.		
Fmerailech	911 Software Developer and Retailer		
Telectro-MFK, Inc.	Jet Engine Thrust Monitor	\$400,000.00	\$2,080,000.00
lighting Technology Incorporated	Electroluminescent Lighting	\$350,000.00	\$446,876.00
Frontier Technology	Data Compression Software	\$40,000.00	
Forodov Technologies	Chromlum 3 Plating Process (Replaces CR 6)	\$60,000.00	\$60,000.00
BioMedical, Inc.	Manufacturing Plant for Medical Products	\$279,900.00	\$732,771.00
Defense Research Associates, Inc.	Infrared Analyzer for Surface	\$250,000.00	
APS Materials, Inc.	Thermal Spray Products for the Semiconductor Industry	\$750,000.00	\$1,500,000.00
Harco Industries, Inc.	New Manufacturing Line	\$300,000.00	
Tracewell Power	Electronic Systems Power Supplies	\$500,000.00	\$2,000,000.00
Lifeline Biotechnologies, Inc.	Breast Cancer Detection Systems	\$500,000.00	
Analytical Engineering Corporation	None Found	\$100,000.00	
Sama	Set up manufacturing plant for fiber glass reinforced plastics	\$250,000.00	\$675,000.00
MANCOM	MEDVISION Patient Health Care Software Development	\$500,000.00	\$4,000,000.00
Aster, Inc.	Premium Elastomeric Roof Sealer	\$150,000.00	\$200,000.00
Concert Corporation	Measurement Systems	\$35,000.00	\$275,000.00
SAC International, Inc.	Tool Hardening System	\$500,000.00	
Ergonomics, Inc.	Ergonomically Designed Crutches Using Composites	\$100,000.00	\$1,200,000.00
Systems Research Laboratories	Monitoring Equipment	\$300,000.00	
Calderon	Coke Ovens Using Dry Quench System	\$500,000.00	\$7,200,000.00
Hueston Industries	Damping Product for Alrcraft Wings	\$100,000.00	
Resource Recovery	Resource Recovery Not For Profit	\$150,000.00	
Bionic Information Technologies	Optical Computing, Flat Panel Displays, Food Preparation	\$100,000.00	
Migmi Valley Punch Corporation	Precision Matching and Metal	\$500,000.00	
Dicitron	Exhaust Manifolds, High Tech Muffler	\$500,000.00	\$2,000,000.00
BoamAllov	Chrome Plating Replacement Technology	\$50,000.00	\$500,000.00
Lafe Technologies	Dala Compression	\$500,000.00	\$2,000,000,00
INIELIX	WISE/PA and WISE/EX Commercial Software Systems	\$500,000,00	\$2,500,000.00
	Page 3 of 20		

Company Name	Product/Project Title	NCIC Amount, \$	Leveraged, \$
Climatron	Gas Absorption Heat Pumps	\$1,500,000.00	
Sigma ElectroMagnetic Technologies (Sigma Tech	Plastic Resins for EMF Shielding	\$500,000.00	
NuBit		\$100,000.00	
ICAM Technologies	Polymer Based Actuators to Replace Hydraulic Systems	\$500,000.00	\$1,732,000.00
DanCor Systems	Grinding Process Optimization	\$10,000.00	\$10,000.00
Renewable Lubricants	Blomass Based Engine	\$500,000.00	
IAP Research, Inc.	Equipment for Producing Powder Metalurgy Parts	\$500,000,00	\$8,200,000.00
Kent Display Systems, LP	Pilot and Interim Production Plant for Liquid Crystal Displays	\$500,000.00	\$3,025,000.00
Pharos Technologies, Inc.	COMPONENT SOFTWARE FOR MEDICAL AND INTERACTIVE CONSUMER SYSTEMS	\$200,000,00	\$4,300,000.00
VisualControl, Inc.	Computer Software for Energy Systems	\$500,000.00	\$500,000.00
Webcore Technologies, Inc.	Flberglass Reinforced Foam Cores	\$100,000.00	\$470,000.00
Nitron Inc.	Anodized and PTFE Coated Products	\$500,000.00	
Tritech Software, Inc.	- Windows Security Software	\$200,000,00	
DISAN, Incorporated	Rapid, Low Cost Environmental Diagnostic Screening Test Kits	\$465,000.00	\$6,550,000.00
Software Tools & Services, Inc.	Portable Patient Health Care File & EC/EDI Hardware Sales	\$100,000.00	\$100,000,00
EZ PLAY, INC.	Golf Cart for Handlcapped Persons	\$207,000.00	\$800,000,00
CeramPhysics, Inc.	Ceramics Technology	\$330,000.00	\$720,000.00
Electric Vehicle Propulsion	Purchase Patent Rights to Electric Wheel Technology	\$200,000.00	\$400,000.00
Innovative Medical Equipment, Inc.	Manufacture the Zapper, hypodermic needle incinerater	\$500,000.00	\$1,500,000.00
Edict Systems	EDI Software Product Development	\$400,000.00	\$800,000.00
Pideac, Incorporated	Biometric Technology (HandMark XO)	\$350,000.00	\$350,000.00
Composite Technologies	Plastic Recovery Facility	\$300,000.00	
Apex Precision Technologies (Ohlo sales office of I	Defense Conversion		
Systran Corp	Defense Conversion		
ApotheTech International, Inc.	The ApotheSystem	\$750,000.00	\$5,000,000.00
InverNot Business Development	The Champion Network (InterNet Employment Service)	\$50,000.00	\$50,000.00
Astro Inclustitos, Inc.	(francial fun Around	The state of the s	
New Horizons	Cincinnati Expansion	\$105,000.00	\$300,000.00
TCC Productions, Inc.	Televison Programming		
Micro Weld Technologies	Advanced welding process	\$500,000.00	\$1,000,000.00
Defex, Inc.	Analytical Equipment		
The Guardian Resin Company	Epoxy Resin Company Start Up	\$200,000.00	\$800,000.00
Sutton and Elling, Inc.	Automated patient billing systems for doctors	\$150,000.00	\$150,000.00
Martronk	System Integration, defense conversion	\$300,000.00	\$300,000.00
EG&G MSI - Albuquerque Operations	Pavement Measurement and Analysis System (PMAS)		
Shape Form, Inc.	Management Buy Out of Defense Conversion Company	\$200,000.00	\$650,000.00
Avia Enviro, Inc.	Aircraft De-Icer (environmentally filendly)	\$100,000.00	\$100,000.00
MVS incorporated	MVS Cellular Technology	\$1,000,000.00	\$8,200,000.00
	Angelder Doctioning Surfam		\$250 000 00

Technology Center Technology Center Modement Systems, Inc. Systems Corporation Inc. Inc. Inc. Inc. Inc. Inc. Inc. Inc	Product/Project 11tie	NCIC AIROUR,	69	Leveraged, \$
rices, Ltd. agement Systems, Inc. agement Systems, Inc. s Corporation s Corporation s Corporation s Corporation s Systems Company cations ss, Inc.	quipment Acquisition			\$60,000.00
<u> </u>	companies for funding			
ad Services, Ltd. Management Systems, Inc. on attens Corporation 3y, Inc. cal, Inc. c	Mound's General Purpose Heat Source Business	\$500,000.00		\$1,000,000.00
grated Services, Ltd. nent Management Systems, Inc. orallon unications Corporation aunications Corporation chergy, Inc. Ilurgical, Inc. s, Inc. Incorporated Inc	capital to construct pilot plant	\$500,000.00		\$2,000,000.00
grated Services, Ltd. nent Management Systems, Inc. orallon unication Energy, Inc. Ilurgical, Inc. s, Inc. Incorporated I	capital for Inerlia CAE Software for Vibration and	firnization Analysis \$500,000.00		\$1,000,000.00
grated Services, Ltd. Inent Management Systems, Inc. oralion unicallors Corporation in Inc. s, Inc. hell Power Systems Company rials Applications chnologies, Inc. uration I Technologies, Inc. st, Inc.	em modeling			
grated Services, Ltd. nent Management Systems, Inc. orallon nunicalion Torporation unications Corporation unications Corporation unications Corporation unications Corporation unications Corporation unications Incorporated Incorpo	: I Disc packaging units (manufacturing)		ES S	\$3,000,000.00
ment Management Systems, Inc. Sorallon C. Imposite Panels al Corporation munications Corporation Ferergy, Inc. es, Inc. Incorporated C. Incorporated Inc.	stem (Healthcare Information System)			\$2,000,000.00
ment Management Systems, Inc. oorallon c. mposite Panels at Corporation nunications Corporation Energy, Inc. es, Inc. es, Inc. c, Incorporated nologies an, Inc. chell Power Systems Company erials Applications echnologies, Inc. d Technologies, Inc. ch, Inc.	insity VMJ solar Cells	\$100,000.00	S	\$1,000,000.00
	bansion for Micropyretics Heaters International, Inc	\$500,000.00		\$750,000.00
	O Process Manager		S	\$1,100,000.00
Aupd	Infection Control Devices			\$2,000,000.00
Aupal	Aapping Technology	\$500,000.00		\$1,000,000.00
Aupal	Ion specific integrated Circuits	\$500,000.00		\$1,100,000.00
Many	Insulation	\$500,000.00		\$1,000,000.00
pany	ed Panels	\$350,000.00		\$1,200,000.00
Auodi	and Manufacture Instruments for Endoscopic Sur			\$1,500,000.00
Aupdl	Computer Hardware and Private, Painless Netwo	\$500,000.00		\$3,000,000.00
ystems Company tions Inc.	based fuel		35	\$3,000,000.00
ystems Company flons Inc. es, Inc.	v Spring Manufacturer	\$300,000.00		\$630,000.00
and Services, inc. Ind Flextek, Incorporated Solid Iglass Dasign, Inc. Se Fax Service Iday Technologies Technical Resources Itson & Allen, Inc. Ik and Mitchell Power Systems Company ered Materials Applications servalite Technologies, Inc. Irak Corp A Actualed Technologies, Inc. Ital Research, Inc.	Systems Development			
nd Hextek, Incorporated sold rigiass Dasign, Inc. ce Fax Service rday Technologies Technical Resources Ison & Allen, Inc. k and Mitchell Power Systems Company ered Maierials Applications servalite Technologies, Inc. onca, Inc. vco Corporation Trak Corp A Actualed Technologies, Inc.	I Solid Waste Recyclina	\$200,000.00		\$470,000.00
tems Company ons ic.	capital for printed circuit board plant at Mound	\$500,000.00		\$2,325,000.00
Systems Company attons s. Inc.	refrigeration uits			
Systems Company attors s. Inc.	ss Molding	\$100,000.00		\$100,000.00
Systems Company oftons s. Inc.	ed computer systems	\$500,000.00	S	\$1,668,766.00
Systems Company ottons s. Inc.	ed Fax Services			\$250,000.00
Systems Company ottons s. Inc. gles, Inc.	ng Mercury Amalgam from Dental Waste Water	\$225,3		\$1,447,027.00
Systems Company Fuel valve recations Geometric Geometric Geometric Geometric Geometric MD-95 Tall S Electrical Cli Die casting gies, Inc. Controller for Con	ssure Compressed Natural Gas Tanks for Automot		\$500,000,000 8:	\$2,500,000.00
Fuel valve re Geometric (Geometric (Energy Effici MD-95 Tall S Electrical Cil Die casting i Brain Wave	ctors for Water Purification			\$300,000.00
Geometric (Energy Effici- MD-95 Tall S Electrical Cil Die casting i Brain Wave Controller fc	ve regulator	\$750,0	S	\$20,000,000.00
Ehergy Effici MD-95 Tall S Electrical Cil Die casting C. Brain Wave Controller fo	tric Contouring Universal Joint	\$500,0		\$1,000,000.00
Electrical Cli Die casting Brain Wave Controller fo	Efficient Lighting Fixtures	\$250,0		\$1,000,000.00
Electrical Cli Die casting Brain Wave Controller fo	Tall Section (replacement for DC 9)	\$1,000,000.00		\$11,000,000.00
Die casting Brain Wave Controller fc	al Circuit Conduit Spring Loaded Lock Nut	\$150,0	\$150,000.00	
Brain Wave Controller fo				
	ave Transmissions	\$350,0	\$350,000.00	\$600,000.00
	ler for flight control systems			
	Super Critical Fluid Cleaning	\$100.0	\$100,000,000	\$250,000.00

Company Name	Product/Project Title	NCIC Amount, \$	Leveraged, \$
American Cellulose Extrusion Corp.	Waste Plastic and Saw Dust Conversion	\$500,000.00	
American Welding and Manufacturing	Seamless Rolled Rings	\$500,000.00	
Beory Systems Inc.	Universal Remote Control	\$175,000.00	\$400,000.00
Dlamond Flber Composites, Inc.	Carbon Flbers	\$100,000.00	
Isolab, Inc.	R:a-cast Gels		
Lehr Precision Inc.	Electrochemical Machinery		\$700,000.00
Spectra Research	Commercialization of SBIR's	\$700,000.00	\$700,000.00
SRICO	Fiber and integrated Optics Technology	\$500,000.00	\$1,000,000.00
Sytronics, Inc.	Computer System for Golf Course Management	\$400,000.00	\$1,000,000.00
Visual Information Institute, Inc.	Video Test Instruments	\$600,000.00	\$600,000.00
Operation Analysts	Virtual Reality Education	\$500,000.00	\$1,500,000.00
Napro, Inc.	Trapped Air Blow Molding Technology	\$500,000.00	
GlobeTech Exchange	Working capital for contract software business	\$50,000.00	\$50,000.00
ChipWorks	Proprietary Application Specific Integrated Circuits (ASIC's)	\$500,000.00	\$1,100,000.00
Selective Environmental Technologies, Inc. (SELEN		\$500,000.00	\$2,000,000.00
Metal Stampings Unlimited	Metal Stamping and Fabrication Start Up	\$100,000.00	\$325,000.00
Quality Sub Assemblies	Electrical components caddy	\$100,000.00	
Precision Metal Forming Co.	Precision Project Title	\$500,000.00	
Advanced Creations, Inc.	OASIS Aircraft Cockpit Instrumentation Software	\$500,000.00	\$2,800,000.00
Turbogen	Turboelectric Generators	\$500,000.00	\$1,000,000.00
41h Power Engineering	High Temperature Paper Dryer	\$500,000.00	\$3,500,000.00
Global Quality Services, Ltd.	nCompass Decision Support System (software)		
Integrity Investment & Service Corp.	General Securities Broker	\$350,000.00	\$350,000.00
Synergistics, LLC	PREVAIL Software	\$250,000.00	\$250,000.00
Highway Safety Vislon Corp	The Highway Beacon	\$450,000.00	\$4,200,000.00
Mound Metallurgical, Inc.	Working Capital for Equipment Purchases from DOE/Mound	\$100,000.00	
Precision Patterns	Refinancing	\$500,000.00	\$850,000.00
Secure 1, Inc.	Unit Dose Dispensing Equipment for Hospitals, Nursing Homes and Alternative Care	\$500,000.00	\$2,200,000.00
The ATTIA Applied Sciences Company (TAASC)	Aerogel Sorbents Pllot Plant	\$500,000.00	\$2,500,000.00
LightForce	Fibre Channel Ethernet LAN Products		
Datec	Research Engineering Services		
Birnac Corporation	New Alloy Casting Process	\$100,000.00	\$200,000.00
American Cybercasting Corporation	Internet publications for educational institutions	\$500,000.00	\$1,800,000.00
J.D. Knox Group	Knox's Laser Color Recorder	\$500,000.00	\$2,000,000.00
Triangle Tool Company, Inc.	Minority machine shop expansion	\$50,000.00	\$50,000.00
Precise Rigors & Erectors	Equipment Rigging Company	\$100,000.00	
Digital Technology, Inc.	Electronic bulsness/buy-out	\$500,000.00	\$3,000,000.00
Orbatek, Inc.	Nuclear Space Tug	\$500,000.00	\$1,215,125,000.00
Shoot Dungmins	Choose Market Calciplator Dropose	\$500 000 00	\$1000000

Order Depth 2019 Separation of business due lo new G.M. Conflocts SEGODODO Für Depth 2019 Binnah Mandridettuer/Conflind Stapfier G.M. \$500,000.00 \$11 L Chyldts, Inc. Dominal Mandridettuer/Conflind Stapfiers \$500,000.00 \$20,000.00 \$20,000.00 Inc. Dominal Mandridettuer/Conflind Stapfiers Dominal Mandridettuer/Conflind Stapfiers \$500,000.00 \$21,000.00 \$21,000.00 \$21,000.00 \$22,000.00 \$21,000.00	Company Name	Product/Project Title	NCIC Amount, \$	Leveraged, \$
Mincally Manufacturer/Certified Supplier to G.M. Signozono \$1. Diamond Hin Film Hearburdogy \$500,000.00 \$1. Compact Hin Film Hearburdogy \$500,000.00 \$1. Compact Hin Film Hearburdogy \$500,000.00 \$2. Compact produces robot conflided spray painting systems \$500,000.00 \$1. Superior and conflict and	Maces Oriollas Included Inc	business due t		
Diamond Thir Film Technology Section000 Diamond Thir Film Technology Section000 Ozome Aft Pullication Systems Section000 Ozome Aft Pullication Systems Section0000 Ulira-light acreatif manufacturing Section0000 Superioronducting Levitations Section0000 Precision Ophthalmic Diagnostic Devices Section000 Precision Copilital Levitations Section0000 Provider Cociling Tor Automotive. Applicance and General Metal Industries Section0000 Provider Cociling Tor Automotive. Applicance and General Metal Industries Section0000 The Environmental Health & Safety Nework Section0000 Section Action Levitation Company Defended Recording Industry Provider Computation of Section Recording Industry Privatice Isologe Safet Business of Mound Section0000 Section Company Defended Privatice Isologe Safet Business of Mound Section Company Defended Free Process for Natural General Industry Section Compa	Mode adding toom of the		\$500,000.00	\$1,100,000.00
Company produces robot controlled sproy poulling systems \$500,000.00 Storogramy produces robot controlled sproy poulling systems \$500,000.00 Subreaconducting tevitators \$500,000.00 Subreaconducting tor Automortive Applicance and General Metal Industries \$500,000.00 Subreaconducting tevitators \$500,000.00 Subreaconducting tevitators \$500,000.00 Subreaconducting tevitators \$500,000.00 Subreaconducting tevitators \$500,000.00 Subreaconducting subreaconducting \$500,000.00 Subreaconducting \$500,000.00 Subreaconducting \$500,000.00 Subreaconducting \$500,000.00 Subreaconducting \$500,000.00 Subreaconducting \$500,000.00 Subreacond Subreaconducting \$500,000.00 Subre	Northcoast Crystals Inc.	Diamond Thin Film Technology	\$500,000.00	
Ozone Air Putritication Systems \$500,000.00 \$8 Ultriaght directal monufacturing \$500,000.00 \$11,000.00 Supericonducting Lethfortas \$500,000.00 \$11,000.00 Diamond Coaling \$500,000.00 \$11,000.00 Presiden Ophthamic Diagnostic Devices \$500,000.00 \$11,000.00 Diamond Coaling \$500,000.00 \$11,000.00 Diamond Coaling \$500,000.00 \$11,000.00 Resident Depthamic Diagnostic Devices \$500,000.00 \$11,000.00 Device Company Defense Commercial lending company \$500,000.00 \$11,000.00 Resident Learning \$500,000.00 \$11,000.00 \$11,000.00 Moviding Coapilar A uniformative Applance and General Metal Industry) \$500,000.00 \$11,000.00 Moviding Coapilar Companity \$500,000.00 \$11,000.00 \$10,000.00 \$10,000.00 Moviding Coapilar Companity \$500,000.00 \$10,000.00 \$10,000.00 \$10,000.00 \$10,000.00 \$10,000.00 \$10,000.00 \$10,000.00 \$10,000.00 \$10,000.00 \$10,000.00 \$10,000.00 \$10,000.00 \$10,000.00 \$10,000.00	Aptomotion (Advanced Robotics Technology, Inc.	Company produces robot controlled spray painting systems	\$500,000.00	\$800,000.00
Miller aging descriptions State	Poinbows, Inc.	Ozone Air Purification Systems	\$500,000.00	00 000 0014
Supericonducting Lewitarios Supericonducting Lewitarios Signo,000.00 \$1.2 Informand Cooling Precision Ophthadrino Diagnostic Devices \$5.00,000.00 \$1.2 Precision Ophthadrino Diagnostic Devices \$5.00,000.00 \$1.2 Morking copiled to start up commercial lending company \$5.00,000.00 \$2.2 Powder Cooling for Automotive. Appliance and General Metal industries \$500,000.00 \$2.2 Powder Cooling for Automotive. Appliance and General Metal industries \$500,000.00 \$2.2 Powder Cooling for Automotive. Appliance and General Metal industries \$500,000.00 \$1.2 Return control and the Everopromotive Cooling for Automotive Appliance and General Metal industries \$500,000.00 \$1.2 Industriation of Automotive Cooling for Composites Production \$6.00 \$1.2 \$1.00,000.00 \$1.2 Industriation of Automotive Start Industries and Training - Process to Natural General Resolutions of Starting Cooling of Starting S	Starilla Engineering	Ultra-light aircraft manufacturing	\$500,000.00	00:000:009\$
Diamond Cooling Process Proces	Super Conductive Components, Inc.	Superconducting Levitators	\$500,000.00	\$2,000,000.00
action Precision Ophtholmic Diagnostic Devices \$50,000.00 \$13,000.00 Corporation ORRINDA & Rob Powered Anno Commanders \$50,000.00 \$17,000.00	K Systems Corporation	Dlamond Coating	\$500,000.00	\$1,000,000.00
Morking copule to start up commenders Signo.000.00 Start up commenders	ELICHD Systems Corporation	Precision Ophthalmic Diagnostic Devices	\$500,000.00	\$3,500,000.00
Working capital to start up commercial lending company \$500,000.00 \$7. Action Learning \$500,000.00 \$3. Action Learning \$500,000.00 \$3. Powder Coaling for Automotive, Appliance and General Metal Industries \$500,000.00 \$3. Electro-Jet Company Delense Conversion \$500,000.00 \$1. Network, Inc. (Ine Environmental Health & Safety Network \$400,000.00 \$1. Joint venture on natural gas inclusity development \$500,000.00 \$2. Divid venture on natural gas inclusing development \$500,000.00 \$2. Divid venture on natural gas inclusing the production \$500,000.00 \$2. Divid venture on natural gas inclusing the production \$500,000.00 \$2. Divid venture and natural gas inclusing the production of the process for Natural Gas \$500,000.00 \$3. Solid State Lase Technology \$500,000.00 \$50. \$500,000.00 \$2. Interactive Conferencing Company \$500,000.00 \$50. \$500,000.00 \$50. Interactive Lase Hearse Manufacturing Evolution and Service \$500,000.00 \$500,000.00 \$500,000.00 Interacti	Commonder-Aero, Inc.	ORENDA 600 Powered Aero Commanders	\$500,000.00	\$1,200,000.00
Action Learning	Derformance Financial Corporation	Working capital to start up commercial lending company	\$500,000.00	\$7,500,000.00
Powder Coalling for Automative, Appliance and General Metal Industries \$550,000.00 \$13. Safety Network Inc. Provider Coalling for Automative Appliance and General Metal Information \$550,000.00 \$1. Safety Network Inc. The Entropy Network \$500,000.00 \$1. Joint venture on natural gas Industry development \$500,000.00 \$1. Dry Les surface aleaning equipment \$550,000.00 \$2. Dry Les surface aleaning equipment \$550,000.00 \$2. Dry Les surface aleaning equipment \$500,000.00 \$2. Productive Isotope Sales Business of Mound \$500,000.00 \$2. Productive CD ROM (econdinal fudurity) \$500,000.00 \$2. Productive Isotope Sales Business of Mound \$500,000.00 \$2. Automated Marketial Handling Equipment and Sylems \$500,000.00 \$2. International, LID. Solid Striet Laser Technology \$500,000.00 \$2. Automated Marketial Handling Equipment and Sylems \$500,000.00 \$2. International, LID. Solid Striet Laser Technology \$500,000.00 \$2. Automated Marketial Handling Equipment and Sylems \$500,000.00 \$2. International, LID. Solid Striet Laser Becase Manufacturing \$500,000.00 \$2. Automated Marketial Handling Equipment and Sylems \$500,000.00 \$2. Automated Marketial Handling Equipment and Sylems \$500,000.00 \$2. Automated Marketial Handling Equipment and Sender \$500,000.00 \$2. Automated Marketial Handling Equipment and Sender \$500,000.00 \$2. Automated Round Rimanula, LID. Automated Round Rimanula, Sylem \$500,000.00 \$2. Automated Round Rimanula, Sylem \$500,000.00 \$2. Social Boot Installation and Sender \$500,000.00 \$2. Social Boot Installation and Sender \$500,000.00 \$2. Solid B	AMT Systems Engineering	Action Learning	\$500,000.00	\$2,000,000.00
Electro-Jet Company Defense Conversion Sign	Harmon Tochnical Codinas Inc	Powder Coating for Automotive, Appliance and General Metal Industries	\$500,000.00	\$3,000,000.00
Scriety Network, Inc. (The Environmental, Health & Safety Network		Flectro-let Company Defense Conversion	\$500,000.00	\$1,000,000.00
Morking Capital for Composites Production \$100,000.00 \$1.	Electroder Corribority & Sofety Network Inc. (T	\$400,000.00	\$1,000,000.00
Working Capital for Composites Production S500,000.00 S2,	The Envilonmental in the control of		\$100,000.00	\$1,000,000.00
Ory Les Sufface cleaning equipment \$250,000.00 \$2.2 Privative CD ROM (recording Inclusiny) Privative Round (recording Inclusiny) \$3100,000.00 \$33.00,000.00 \$31.00,000.00 \$33.00,000.00	GGS Kesedich Ilbiliufe (Giv.)	Working Capital for Composites Production	\$500,000.00	
Interactive CD ROM (recording industry)		Dry Ice surface cleaning equipment	\$500,000.00	\$2,000,000.00
sering Filtoutibre Isolope Sales Business of Mound \$100,000.00 \$30,000.00 sering Pilvolite Isolope Sales Business of Mound Filtoud Computerized Based Training - Phase 2 STIR \$500,000.00 \$31,00,000.00 sering Solid Oxide Fuel Process for Natural Gas Solid State Laser Technology \$500,000.00 \$31,00,000.00 serind Incompated Marketial Handling Equipment and Sytems Automated Marketial Handling Equipment and Sytems \$500,000.00 \$31,00,000.00 sed Productivity Improvement Software Software \$500,000.00 \$22,000.00 sed Full Body Armor And Incompated Marketial Handling Equipment and Sytems \$500,000.00 \$31,000.00 second Round Flanching Decater Special System \$300,000.00 \$31,000.00 \$31,000.00 proporated Second Round Flanching - MASS System \$300,000.00 \$300,000.00 \$300,000.00 proporated Sonar Pool Alarm Bigh temperature ceramic superconducting powder \$500,000.00 \$300,000.00 properties Soldware System \$500,000.00 \$31,000.00 \$300,000.00 coal Desulphutifing System Coal Desulphutifing System <t< td=""><td>Cold Jel, Inc.</td><td>Interactive CD ROM (recording Industry)</td><td>\$87,000.00</td><td>\$123,000.00</td></t<>	Cold Jel, Inc.	Interactive CD ROM (recording Industry)	\$87,000.00	\$123,000.00
Pilot Computerized Based Training - Phase 2 STTR \$500,000.00 \$33	Pangaea Colporation	Privative Isotope Sales Business at Mound	\$100,000.00	\$250,000.00
Solid Oxider Fuel Process for Natural Gas \$500,000,00 \$33 Solid State Laser Technology \$500,000,00 \$1 Automated Material Handling Equipment and Sytems \$500,000,00 \$1 Teleconferencing Company \$500,000,00 \$2 Froil Body Armor \$500,000,00 \$2 Min & mid-size Hearse Manufacturing \$500,000,00 \$2 Acquisition of Aluminum Die Caster \$500,000,00 \$5 Second Round Financing - Speciality Chemicals \$500,000,00 \$5 Acquisition of Aluminum Die Caster \$500,000,00 \$5 Second Round Financing - Speciality Chemicals \$500,000,00 \$5 Acquisition of Aluminum Die Caster \$500,000,00 \$5 Second Round Financing - MASS System \$500,000,00 \$5 Sonar Pool Alarm \$500,000,00 \$5 High temperature ceramic superconducting powder \$500,000,00 \$5 Sonar Pool Alarm \$500,000,00 \$5 LAS Software System \$500,000,00 \$1 Coal Desulphutzing System \$200,000,00 \$2 Formed Ceramics f	Graceway	Pilot Computerized Based Training - Phase 2 STTR	\$500,000.00	\$3,000,000.00
Solic State Laser Technology Solic State Laser Technology Solic State Laser Technology Solic State Laser Technology Automated Material Handling Equipment and Sytems SSOcionor State Laser Technology Solic State Laser Technology Automated Material Handling Equipment and Sytems SSOcionor State Laser Manufacturing SSOcionor State Manufact	Coo Aerospace Erigii leerii g	Solid Oxide Fuel Process for Natural Gas	\$500,000.00	\$3,000,000.00
Automated Material Handling Equipment and Sytems \$500,000.00 \$1,	lechnology Management, inc.	Solid State Laser Technology	\$500,000.00	\$900,000.00
oration Telegracion \$500,000.00 \$2. corporated Full Body Armor \$500,000.00<	C.J. Laser / Diamona Laser international, c.D.	Automated Material Handling Faultoment and Sytems	\$500,000.00	\$1,000,000.00
Productivity Improvement Software S500,000.00	ESSCORP, Inc.	Talaconferancing Company	\$500,000.00	\$2,500,000.00
Full Body Armor \$50,000.00 \$5	Telesuire Corporation	Productivity Improvement Software	\$500,000.00	
Mini & mid-size Hearse Manufacturing	Technool, Incolporated	Full Body Armor	\$50,000.00	\$50,000.00
Acquisition of Aluminum Die Caster \$500,000.00 \$5 Second Round Financing - Specialty Chemicals \$300,000.00 \$9 Second Round NCIC Financing - MASS System \$300,000.00 \$1 All Composite Ski Boots \$1 \$200,000.00 \$1 Garage Door Installation and service \$500,000.00 \$1 Sonar Pool Alarm \$500,000.00 \$1 Inc. High temperature ceramic superconducting powder \$500,000.00 \$1 steel framed houses \$500,000.00 \$1 Soll AS Software System \$500,000.00 \$1 Coal Desulphutzing System \$200,000.00 \$200,000.00	Motor Motor Car Company	Mini & mid-size Hearse Manufacturing	\$50,000.00	\$150,000.00
Second Round Financing - Specially Chemicals \$300,000.00 \$99 Second Round NCIC Financing - MASS System \$300,000.00 \$1 All Composite Ski Boots \$500,000.00 \$1 Garage Door Installation and service \$500,000.00 \$1 Sonar Pool Alarm \$500,000.00 \$1 High temperature ceramic superconducting powder \$500,000.00 \$1 steel framed houses \$500,000.00 \$1 Soll AS Software System \$500,000.00 \$1 Coal Desulphutzing System \$200,000.00 \$200,000.00	Hollonder Inchietries	Acquisition of Aluminum Die Caster	\$500,000.00	\$5,868,000.00
Second Round NCIC Flnancing - MASS System \$300,000.00 \$1 All Composite Ski Boots \$500,000.00 \$1 Garage Door Installation and service \$500,000.00 \$1 Inc. High temperature ceramic superconducting powder \$500,000.00 \$1 Inc. Steel framed houses \$500,000.00 \$1 Coal Desulphurizing System \$200,000.00 \$1 Formed Ceramics for Environmental Remediation \$200,000.00 Formed Ceramics for Environmental Remediation \$200,000.00 Steel framed Ceramics for	phytolife Sciences Incorporated	Second Round Financing - Specially Chemicals	\$300,000.00	\$9,200,000.00
All Composite Ski Boots \$500,000.00	Denotectors Frompeting	Second Round NCIC Financing - MASS System	\$300,000.00	\$900,000.00
Garage Door Installation and service\$500,000.00Sonar Pool Alarm\$500,000.00High temperature ceramic superconducting powder\$500,000.00steel framed houses\$200,000.00SILAS Software System\$500,000.00Coal Desulphurizing System\$200,000.00Formed Ceramics for Environmental Remediation\$200,000.00	Totra Sports Corporation	All Composite Ski Boots	\$500,000.00	\$1,500,000.00
Sonar Pool Alarm	Millor Company	Garage Door Installation and service		
High temperature ceramic superconducting powder \$500,000.00 steel framed houses \$200,000.00 SILAS Software System \$500,000.00 Coal Desulphurizing System \$200,000.00 Formed Ceramics for Environmental Remediation \$200,000.00	David Dealer Development	Sonar Pool Alarm	\$500,000.00	\$400,000.00
steel framed houses \$200,000.00 \$1 SILAS Software System \$500,000.00 \$1 Coal Desulphurizing System \$200,000.00 \$1	Rupid Flodder Developments Inc.	High temperature ceramic superconducting powder	\$500,000.00	\$500,000.00
SILAS Software System Coal Desulphurizing System Coal Desulphurizing System Framed Ceramics for Environmental Remediation	Toron In	steel framed houses	\$200,000.00	
Coal Desulphurizing System \$200,000.00 \$200,000.00	Mersy Inc.	SILAS Software System	\$500,000.00	\$1,260,000.00
Framed Ceramics for Environmental Remediation	lim Thompson	Coal Desulphurizing System	3	
		Foamed Ceramics for Environmental Remediation	\$200,000.00	\$200,000.00

Company Name	Product/Project Title	NCIC Amount, \$	Leveraged, \$
Innovative Building Components, Inc.	Poly-Baluster Buyliding Components		\$130,000.00
fransWave International, Inc.	Second Round Financing	\$180,000.00	\$820,000.00
Gary Guard< Inc.	Electric Utility Safety Products	\$350,000.00	\$350,000.00
Diagnostic Instruments, Inc.	Interventional Magnetic Resonance Imaging (I-MRI)	\$500,000.00	\$350,000.00
Creative Coatings Corporation	Silicone based, environmentally friendly coatings	\$400,000.00	\$400,000.00
Matrix Systems, Inc.	Software Development		
PrecisionTemp, Inc.	Instantaneous Hot Water and Temperature Control	\$500,000.00	\$850,000.00
DataCorp	Start Up Database Services Company	\$500,000.00	\$500,000.00
ARA Coatings, Inc.	Wear Resistant Coatings	\$500,000.00	\$1,000,000.00
ADPI	Computer Board Technology		
Symvionics, Inc.	Virtual Reality Technology	\$500,000.00	\$850,000.00
Murray City Freezer Storage	Business Acquisition	\$500,000.00	\$4,000,000.00
Grief Brothers Corporation	Manufacturing expansion		
Mind Storm Entertainment, Inc.	Multi Layer Conformable Support System		
Responsible Alternatives, Inc.	Chrome Plating Emission Elimination Device	\$500,000.00	\$425,000.00
Faraday Technology, Inc.	Electrochange Lead-Tin Recovery System	\$207,000.00	\$496,000.00
Conrad Aviation Technologies, Inc.	Remote Sensing Services	\$500,000.00	
Top Biomedical	Environmentally Friendly Biomedical Stuff		
Maverick Corporation	1996 Emerging Technology Award Winner		
Seiler Pollution Control Systems, Inc.	Production of Abrasives Products from Hazardous Wastes	\$500,000.00	\$1,600,000.00
Industrial International, Inc.	III Systems Rapid Tooling Technology	\$500,000.00	\$3,486,010.00
Torax, Inc.	Transmission Technologies	\$750,000.00	\$2,500,000.00
J.W. Blair Company	Adhesive Dispensing Equipment	\$500,000.00	
Delta Power Supply	Ballasts for High Intensity Lighting Systems	\$750,000.00	\$2,000,000.00
Leever's Grinding, Inc.	Precision Grinding (Aerospace)	\$100,000.00	
The Dynatron Company	Pacemaker	\$500,000.00	
Veracor Composite Technologies	Pultruded Plastics Products	\$450,000.00	\$450,000.00
Innovative Controls, Inc.	Jet-Axial Fluid Control Valve	\$500,000.00	\$1,000,000.00
Gevers Aircraft, Incorporate	The Genesis Aricraft	\$400,000.00	\$8,500,000.00
Pythia Corporation	Integrated Legislative Software and Hardware Products	\$500,000.00	\$2,300,000.00
Franklin Pharmaceuticals, Inc.	Over the Counter Skin Care and Wound Care Products	\$400,000.00	\$1,500,000.00
IMSI/RD Robotics Welding	Robotics Overlay Welding of Motion Systems	\$45,000.00	\$255,000.00
Intrepidus, Inc. & Visinetics Consortium	Touch Screen Technology - Virtual Pointing Device	\$37,500.00	\$225,000.00
ICOR International	EPA and UL Approved Freon Replacement	\$400,000.00	\$800,000.00
Biocrystal, Ltd.	Blocrystal	\$400,000.00	
Noteworthy Medical Systems, Inc.	Automated Patient Record Management System	\$500,000.00	\$2,000,000.00
RadioStorm, Inc.	Radio Stuff in Stormy Weather	\$500,000.00	
AgilTech, Inc.	Edison IAMS Center Software Commercialization	\$500,000.00	\$2,500,000.00
		000000000	

ogles and Services Company Inc.	oftware I Demonstration	\$500,000.00 \$225,000.00 \$225,000.00 \$500,000.00 \$500,000.00 \$500,000.00 \$100,000.00	\$1,500,000.00
echnologies and Services in Sensor Company in Selfing, Inc. Sulfing inc	oftware	\$500,000.00 \$225,000.00 \$500,000.00 \$500,000.00 \$500,000.00 \$500,000.00 \$100,000.00	\$50,000,000,00
al Technologies and Services in Color of Welding, Inc. Sonsulfing inc. Gonsulfing inc. Glos, Inc. Glos, Inc. Govery, Inc. esearch Co. search Co. search Co. search Co. asearch Co. covery, Inc. er & Info-Centric stems Addraw, Inc. covery, Inc. er & Info-Centric stems Addraw, Inc. covery, Inc. stems Addraw, Inc. stems Addraw, Inc. covery, Inc. stems Addraw, Inc. stems Addraw, Inc. stems Addraw, Inc. stems Addraw, Inc. covery, Inc. stems Addraw, Inc. stems	oftware I Demonstration	\$25,000.00 \$500,000.00 \$500,000.00 \$500,000.00 \$500,000.00 \$500,000.00	200000000
	eering Software Removel Demonstration	\$500,000.00 \$500,000.00 \$500,000.00 \$500,000.00 \$500,000.00	\$225,000.00
	eering Software Removel Demonstration	\$500,000.00 \$500,000.00 \$500,000.00 \$500,000.00 \$100,000.00	\$2,000,000.00
	uring, Engineering Software ogen Oxied Removel Demonstration materials	\$500,000.00 \$500,000.00 \$500,000.00 \$100,000.00	
cal Sensor Company I Welding, Inc. Composite Systems Technolo ogles, Inc. les, Inc. search Co. Alarm, Inc. overy, Inc. ems edical Services, Inc. Composite Systems Technolo ogles, Inc. search Co. Alarm, Inc. overy, Inc. search Co. Alarm, Inc. overy, Inc. search Co. Alarm, Inc. overy, Inc. search Co. Inc. search Co. Search Co. Alarm, Inc. overy, Inc. search Co. Search Co. Inc. Search Co. Sear		\$500,000.00	\$2,000,000.00
cal Sensor Company I welding, Inc. Composite Systems Technolo ogles, Inc. les, Inc. search Co. Alarm, Inc. overy, Inc. overy		\$500,000.00	
stems Technolo [S. Inc.		\$100,000,00	\$10,000,000.00
stems Technolo (SYBD)		-	
stems Technolo (1 (SYBD))		\$100,000,001\$	
Composite Systems Technolo (1) gales, Inc. earch Co. Alarm, Inc. r & Into-Centric sms social Services, Inc. aducts - Second Round national, Inc. (SYBD) cications, Inc. lies		\$500,000.00	\$7,000,000.00
Notems, Inc. In Global Consulting It Center for Composite Systems Technolo Ide Technologies, Inc. Idetrials Research Co. In Portable Alarm, Inc. In Computer & Info-Centric In Computer & Info-		\$200,000.00	
Somposite Systems Technolo (gles, Inc. earch Co. earch Co. Narm, Inc. (strict of the Centric of		\$500,000.00	
e Systems Technolo normalisation entric cond Round Inc. (SYBD) Inc. (SYBD)		\$1,700,000.00	\$1,700,000.00
e Systems Technolo entric cond Round Inc. (SYBD) rnc.		\$250,000.00	\$475,000.00
e systems recurred. entric cond Round Inc. (SYBD)		\$500,000.00	\$34,367,000.00
entric cond Round inc. (SYBD)		\$500,000.00	\$3,000,000.00
antric //ces, Inc. cond Round nc. (\$YBD) nc. (\$YBD)	American management of the control o	\$500,000.00	\$400,000.00
antric Alces, Inc. cond Round nc. (SYBD) nc.	Andrew to a transported to the state of the	\$40,000.00	\$100,000.00
antric //ces, Inc. cond Round nc. (SYBD)	D	\$500,000.00	\$1,200,000.00
lnc. Round v/BD)		\$500,000.00	
Inc. Round vYBD)		\$500,000,00	\$600.000.00
lnc. Round yYBD)		\$500,000,00	\$2,000,000,00
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	ment - second kound Findheing	\$130,000.00	\$2 500 000 00
cations, Inc. es Ilon poration		\$300,000.00	\$1 200 000 00
cations, Inc. es Illon poration		200,000,000	\$1,000,000,00
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		\$500,000.00	3200,000.00
	\$	\$750,000.00	\$10,000,000.00
	\$	\$750,000.00	\$2,500,000.00
Micro Medical Devices. Inc.	\$	\$500,000.00	\$2,000,000.00
a the designation of the country and the country of		\$750,000.00	\$2,500,000.00
		\$500,000.00	\$800,000.00
	(86)	\$500,000.00	\$1,000,000.00

Company Name	Product/Project Title	NCIC Amount, \$	Leveraged, \$
MACNA	Distribution of DeDietrich Cast Iran Bollers	\$500,000.00	
National Labs, Inc	Re-capitalization	\$750,000.00	\$1,900,000.00
Enginefics	Growth Company	\$500,000.00	
IRIS Powder Coatings, Inc.	Powder Coating Start up	\$100,000.00	\$350,000.00
Solar Universal Technologies, Inc.	Ion Exchange Resin Manufacture	\$600,000.00	\$1,000,000.00
Booksite	Web Site Commerce	\$500,000.00	
Electronic Meters, Inc.	Electronic Electric Meter	\$500,000.00	
Particle Reduction Technologies, Inc.	Particle Size Reduction Technology	\$500,000.00	\$2,000,000.00
Ground Systems, Inc.	Collision Avoldance System	\$200,000.00	\$200,000.00
Tenibac LLC	Plant expansion & Equipment Purchase	\$750,000.00	\$2,000,000.00
Adaptix	Business Expansion - Industrial Software	\$500,000.00	
Summa Technology Group, Inc.	Computerized Patient Records Management System	\$750,000.00	\$3,000,000.00
Tropical Island Beverage Company	"New Age" Beverage	\$100,000.00	\$500,000.00
PHE Development	Plate Heat Exchanger Manufacturing and Service	\$750,000.00	\$3,300,000.00
Intermedius, LLC	Computer Alded Design Integration Software	\$100,000.00	\$500,000.00
Technology Transfer, Inc.	Portable Electrocardlogram	\$500,000.00	\$3,000,000.00
The Mar Group	Unique Golf Club Design/ Trojan Horse	\$500,000.00	\$1,000,000.00
Avfech	Distance Learning & Communication	\$100,000.00	\$100,000.00
The Alpha Group of Ohio	Technology Commercialization	\$100,000.00	\$100,000.00
Gas Turbine Lab - OSU	Install Large Engine (45,000 pound thrust) in Gas Turbine Lab	\$200,000.00	\$1,700,000.00
Manchester Manufacturers, Inc.		\$750,000.00	\$1,000,000.00
Alpha Engines Corporation	Clean Air Turbin engine Technology	\$500,000.00	\$9,500,000.00
Jump Stretch, Inc	Rubberband, resistant physical training program	\$500,000.00	\$2,500,000.00
Benthamite Corporation	Furnace Injected Super Sorbants	\$60,000.00	\$60,000.00
RMC	Recapitalization of the operation	\$285,000.00	\$285,000.00
Media Consulling Incorporated	Corporate Internet training services	\$500,000.00	\$2,500,000.00
Ilto Gullammor Company	Subsonics Technology	\$500,000.00	\$2,000,000.00
Crossroads Tubular Manufacturing	Expansion Financing/Re-financing	\$500,000.00	\$4,600,000.00
Jekyli & Hyde	Marketing & Catalog Company	\$300,000.00	\$300,000.00
STOA International, LLC	Web based Software Solutions	\$750,000.00	\$1,600,000.00
Phoenix Coffee & Tea Company, Inc.	Coffee Distributor	\$500,000.00	\$500,000.00
Leveraged Solutions, Inc.	OptILoad & OptiScript Software	\$750,000.00	\$2,500,000.00
Glago, Ltd.	Object-oriented software interface	\$750,000.00	\$4,000,000.00
Equidyne Syslems, Inc.	"Injex", Needle Free Drug Injection Device	\$500,000.00	\$500,000.00
GESCO Corp.	Golf Green Reader	\$500,000.00	\$846,500.00
Replex Plastics, Inc.	Extruded Color Acryllc and PET Sheets	\$750,000.00	\$4,800,000.00
LottoFacto Ltd.	LottoFacto Printing and Publishin	\$500,000.00	\$3,600,000.00
Viewpoint Medical	(iberoptic bronchoscope	\$500,000.00	
On the state of th	and the first of the older of the first of t	000000	

Selecon, Inc. Selecon, Inc. Selecon, Inc. Including Selecon, Inc. S	\$750,000.00	
chnologies al Technologies ams corporated offware, Inc. I Technologies ams corporation nology, Ltd. tution 4, Inc. Intition 6, Inc. Inc. Intition 7, Inc. Inc. Inc. Inc. Inc. Inc. Inc. Inc.		\$1,000,000.00
c. sallons, Inc.		\$3,500,000.00
Orp.	\$750,000.00	\$1,255,000.00
ss, Inc. s, Inc. logles, Inc. lologies mpany lon		\$2,000,000.00
ss, Inc. st Inc. lologies, Inc. lologies npany lon		\$2,000,000.00
ss, Inc. s, Inc. lologies, Inc. lologies mpany lon	\$600,000.00	\$400,000.00
ns control of control	00'000'09%\$	\$3,000,000.00
ns company corp. choologies Inc. and, Inc. ble Technology Corp. choologies company aration aration choices Inc. ble Technologies choologies ch	\$500,000.00	\$2,000,000.00
ns c. c. llons, lnc. notogles, lnc. notogles, lnc. notogles, lnc. notogles, lnc. notogles chnologies Company varation varation station chnologies chnolog	\$200,000.00	\$825,000.00
inc. olutions es, inc. c Services, inc. rications, inc. mational, inc. is, inc. getable Technology Corp. glied Company Floup Corporation inc. india, inc. india, inc. inc. india, inc. ind	\$300,000.00	\$300,000.00
es, Inc. Is, Inc. Is, Inc. Is, Inc. Is Technology Corp. Indon	\$750,000.00	\$8,000,000.00
es, Inc. Is, Inc. Is, Inc. Is, Inc. Is Technology Corp. Indon	\$800,000,000	\$850,000.00
ces, Inc. ths, Inc. ths logies, Inc. al, Inc. alton afton afton c. c.	\$250,000.00	\$1,000,000.00
ces, Inc. Ins, Inc. Ists Ists Ists Ists Includes, Inc. Includes, Inc. Includes Includes Includes Inc. Inc. Inc. Inc. Inc. Inc. Inc. Inc.	\$120,000.00	\$250,000.00
logy Corp.	\$750,000.00	\$1,300,000.00
C. Independent of the control of the	\$400,000.00	
logy Corp.	4) \$750,000.00	\$2,000,000.00
logy Corp.	\$200,000,00	
logy Corp.	\$500,000.00	
logy Corp.	\$750,000.00	\$2,000,000.00
logy Corp.	\$750,000.00	\$4,000,000.00
logy Corp.	\$500,000.00	\$2,000,000.00
logy Corp.	\$250,000.00	\$500,000.00
logy Corp.	\$250,000.00	\$500,000.00
logy Corp.	\$400,000,000	\$800,000,00
logy Corp.	\$187,500.00	\$937,500.00
		\$2,000,000.00
	\$750,000.00	\$2,000,000.00
		\$2,500,000.00
	\$750,000.00	\$24,000,000.00
	\$750,000.00	\$29,000,000.00
		\$325,000.00
		\$1,200,000.00
	\$500,000.00	\$3,000,000.00
	\$500,000.00	\$1,000,000.00
	\$200,000.00	\$750,000.00
	\$667,834.00	\$1,162,334.00
PhytoPharmaceuticals, Inc.	\$750,000.00	
	\$750,000.00	\$2,000,000.00

Company Name	Product/Project Title	NCIC Amount, \$	Leveraged, \$
Company name	Solas Configuration Software	\$750,000.00	\$1,500,000.00
Ender incorporated	Open son Historials Air Purification System	\$1,200,000.00	\$1,200,000.00
General Innovalions & Goods, inc.	Healing Paclemetton (Re-finance)	\$1,500,000.00	\$4,000,000.00
Sain Raiz & Corrigany	Workflow management systems for businesses	\$750,000.00	\$5,000,000.00
	Manufacturing Management Software	\$750,000.00	\$3,000,000.00
Artice BioDevelopment International	Contract Research Organization	\$750,000.00	\$5,000,000.00
Geolech Chemical Corporation	Corrosion Control Coatings	\$75,000.00	\$1,000,000.00
Next Generation	Diet Suplement	\$500,000.00	\$1,000,000.00
RPF Incorporated	Environmental Remediation in Texas and New Mexico	\$150,000.00	\$500,000.00
DK Products	BMX Bicycle Manufacturer	\$600,000.00	\$600,000.00
BPF Incorporated	Environmental Remediation Service Company	\$150,000.00	\$500,000.00
Sharon Company	Minority Based Acquisition/Steel Stair Designer	\$750,000.00	\$7,000,000.00
Business Media and Data Systems	Bar Code Printing Supplies and Equipment	\$500,000.00	\$2,000,000,00
Automated Workplace Safety, Inc.	WHAM Workplace Hazard Management Software	\$500,000.00	\$1,500,000.00
Noelle's Sweet Treats	Candy Manufacturer	\$750,000.00	\$5,000,000.00
Marendo Warehouse	Just In Time Warehouse for Automotive Industry	\$160,000.00	\$22,100,000.00
Antique Networking, Inc.	Antique E-Commerce	\$500,000.00	\$1,000,000.00
Sensor Technology Applications, Inc.	Dosimetric System	\$500,000.00	0000000
Rockaway Check Cashing Group	Leveraged Buy Out Check Cashing Operation	\$500,000.00	\$2,000,000.00
Multiplicity, Ll.C	Capacity Management Software	00.000,000\$	\$2,000,000.00
Opticon Medical, inc.	Opticon, disposable valved catheter	00.000.0038	9/1,/ 3U,UUU.UU
Upper Mohawk, Inc.	Consult on 8a contracting	00.000,000\$	00 000 000 03
Amazing Automotive	Truck Assessory Super Store	00.000,0053	\$2,200,000.00
Masterplece Software, LTD	MOMENT Productivity Software	00,000,003	000000000000000000000000000000000000000
Five Star Technologies	Controlled Flow Cavitation	00,000,0033	67 000 000 00
Sidney Levy and Associates	CHASID Medical Device (Erectile Dysfunction)	\$300,000,000	000000000
DistaView Corporation	LiquaVision, Industrial Control Instrument	00,000,0053	00 000 000 cs
Customer Data Services	Retail Database Management	\$300,000,000	\$1,000,000,00
Lumitex, Inc.	Engineered Lighting Components	00,000,000,000	\$0.000,000,15
Technology Solutions, International	Rhino Pallets, Blow Molded Foam Pallets	\$7.50,000,00	\$2,450,000,00
Logic Instrument Corporation of America, Inc.	Ocular DigiScope	00.000,0000	200000000000000000000000000000000000000
Guest Associates, Inc.	Technical & Management Consulting	\$500,000.00	00000000
Microgravity Research Associates	Electro-Epitaxial Crystals	OD.UUU, UUCS	33,000,000,00
Intelecare, Inc.	Customer Relationship Management solution	\$750,000.00	55,000,000.00
MicroSvs, Inc.	BioSys System, Computerized Microblology Testing	SSOU, UUU.UU	\$1,293,214.00
MedPlus Inc.	Enterprise Wilde Patiant Mangement System	\$500,000.00	\$7,000,000.00
III-fi-MIS	Swimming Simulator	\$250,000.00	\$6,000,000.00
Tri May Tool & Mold	CNC Equipment Acquisition	\$45,000.00	\$45,000.00
		00 000 00s	00 000 0055

Other Funds

Company Name	Product/Project Title	NCIC Amount, \$	Leveraged, \$
	Widen Cataloging Products	\$750,000.00	\$5,100,000.00
Imagine Products, Inc.	Travelor 2000 exercise unit	\$42,000.00	\$42,000.00
Regen incorporated		\$750,000.00	\$5,000,000.00
The Internet Advisory Corporation	Halfell Figure County C	\$500,000.00	\$2,500,000.00
Bishop-Ashby Enterprises, Inc.	Consorate Mercer - Concentus and Powerway	\$750,000.00	\$2,250,000.00
PowerWdy, Inc.	Detacted MCIC co-Investor	\$50.00	
First Principals, Inc.	Clemina Noto Common and Common an	\$750,000.00	\$5,000,000.00
Align Worldwide Marketing, Liu.	Acquisition of multiple trucking companies	\$750,000.00	\$5,000,000.00
NOBOTCO, INC.	Hydro Entanalina Material Manufacturing	\$750,000.00	\$10,075,049.00
Miller R Huffl rubility	Multiple Laser Products	\$500,000.00	\$1,000,000.00
ECM BIAETING Incorporated	Biodegradable plastics manufacturing	\$500,000.00	\$2,000,000.00
American Mutriceuticals Inc.	Disease-specific and Medical Foods	\$500,000.00	\$1,000,000.00
Distraction promorphod	Interactive Educational software/Graphic Arts Industry	\$200,000.00	\$3,000,000.00
	Taraeted Internet Browsing Software	\$500,000.00	\$3,000,000.00
Francoura, LLC	Recycled Plastic Guardrall Posts & Stand-off Blocks	\$750,000.00	\$2,000,000.00
Advanced Richards II C	Needle-Type Glucose Sensor	\$500,000.00	\$4,000,000.00
Advanced production	LoVAC Pallet Technology	\$750,000.00	\$10,000,000.00
Software Management Group, Inc.	Order Entry & Billing Software	\$500,000.00	\$1,000,000.00
Consumer Central com Inc	Internet Site for Consumer Input to Manufacturers	\$750,000.00	\$750,000.00
Llomo Davisions	Barrier-free Products & Services	\$500,000.00	\$1,200,000.00
MRG Technology, Inc.	Photodynamic Therapy Lanp	\$500,000.00	\$1,050,000.00
Aging let comparation	JetBike Recreational Water Craft	\$500,000.00	
Virtual Works net Limited	Internet Information Center for Environmental Health & Safety	\$350,000.00	\$350,000.00
Freiba Materials Inc.	Electromagnetic Shielding	\$400,000.00	\$2,000,000.00
Western DataCom Co. Inc.	Data Communication Security Products	\$750,000.00	\$1,500,000.00
Free World PC	Single Service (hardware/software) Internet Access	\$750,000.00	\$40,500,000.00
Portners in Scientific Computing (PSCICO)	Scientific Software & Training Movies Distribution	\$750,000.00	\$8,000,000.00
Sprav Forming International, Incorporated	Spray forming plant construction	\$750,000.00	\$3,500,000.00
Optical Coherence Technologies, Inc.	Optical Coherence Tomography	\$500,000.00	\$2,000,000.00
Ashworth Materials Group	Magnetic Materials	\$750,000.00	\$4,000,000,00
Regent Systems, Inc.	Information Technology Integration	\$200,000.00	\$1,000,000.00
AMS Technology, Inc.	Medical Database Software	\$300,000.00	\$300,000.00
Clohal Technology Business Systems, Inc.	CareTrak Software for Long Term Health care Facilities	\$500,000.00	\$1,200,000.00
Amisopering Strollos 1td.	Developer, Aggregator and Publisher of Internet products	\$750,000.00	\$2,850,000.00
Mastern Product Recovery Group, Inc.	Agricultural Waste Stream Recovery	\$500,000.00	\$8,000,000.00
Cythorn Inc.	Internet Interactive Communication Company	\$750,000.00	\$2,565,000.00
Thermo Tech Systems, Incorporated	Thermoplastic Powder Coatings	\$750,000.00	\$2,300,000.00
Clobal Toch Ruilding Systems. Inc.	Insulating Concrete Form System	\$500,000.00	\$1,000,000.00
MID Morton	Lumber and pulp products	\$750,000.00	\$1,750,000.00

Company Name	Product/Project Title	NCIC Amount, \$	Leveraged, \$
Mound Metrology	Acquire equipment from Sheffield	\$200,000.00	\$500,000.00
NuPath Technologies LLC	Acquisition of INTREK	\$350,000.00	\$1,200,000.00
Hoffman Electronics, Inc.	Touchloc	\$500,000.00	\$500,000.00
Anthem, Inc. dba. The Home Fire Shield	The Home Fire Shield	\$250,000.00	\$1,000,000.00
Dista View Corporation	UquaVislon	\$400,000.00	\$1,000,000.00
AERS Midwest	System for Onboard Lift Analysis	\$500,000.00	\$3,000,000.00
Aerostar Alrcraft Corporation	Aerostar Jet	\$500,000.00	\$45,000,000.00
HESS Advanced Technology, Inc.	Plastic Transparency Coating Technology	\$750,000.00	\$2,225,000.00
Paramount Plastics & Polymers	Digital Graphics Products	\$500,000.00	\$990,000.00
BH Thermal Corporation	Flexible Heating Control Systems & Components	\$500,000.00	\$2,000,000.00
MedSonics US, Inc	Litewelght Ultrasound Digital Imaging	\$500,000.00	\$1,200,000.00
Shield & Bolt Power Systems, Inc.	On-Site Power Systems	\$500,000.00	\$1,000,000.00
Graybook Software	Software product for project management system	\$300,000.00	\$350,000.00
National Sorbents Incorporated	"	\$500,000.00	\$750,000.00
Video Instruments	Non-Broadcast Video Ewulpment Tester	\$750,000.00	\$1,000,000.00
Cutanogen Corporation	Cultured Skin Technology	\$500,000.00	\$3,300,000.00
ContinuousPlay, LLC	CD/Internet Business	\$750,000.00	\$2,800,000.00
The Malibu Group	GETREALGOLF, COM Internet Site	\$750,000.00	\$10,000,000.00
Tri State Finishing Services, Inc.	Autophoretic Coating	\$350,000.00	\$1,800,000.00
Estate Information Network, Inc.	Probate Court Claims Software	\$500,000.00	\$500,000.00
CTG, Inc.	Computer Technology Group	\$500,000.00	\$2,000,000.00
Lotus Mallorca S.L.	Tourist Attraction	\$500,000.00	\$2,000,000.00
Party 411.com	e-commerce party planners	\$500,000.00	\$2,000,000.00
Theme-Travel.com	Internet Travel Site	\$500,000.00	\$2,000,000.00
inter-flo, limited	Advanced Leachate Treatment System	\$500,000.00	\$500,000.00
BeelineShopper.com LLC	Home Retail Utilizing Barcode Scanner Technology	\$400,000.00	\$1,000,000.00
Trifium Network	Internet Media Company	\$500,000.00	\$750,000.00
AM Jet Corporation	Timeshare Corproate Jet Management Facility	\$750,000.00	\$103,303,634.00
Softlynx International	Valuspace e-business	\$500,000.00	\$2,000,000.00
Aerial Forestation, Inc.	Massive Quantities of Trees from the Sky	\$750,000.00	\$1,000,000.00
U.S. Document Security Corporation	Document Protection	\$300,000.00	\$600,000.00
Fenix Team, Inc.	e-commerce purchasing platform	\$500,000.00	\$2,500,000.00
Elite PC IIc	NetLockers, Web-based file storage and delivery service	\$450,000.00	\$450,000.00
intellicost Systems LLC	Labor Cost Analysis on the Internet	\$500,000.00	\$2,000,000.00
eCustomer, Inc.	RadioResearch.com	\$500,000.00	\$1,000,000.00
Brims ness Corporation	Water Filtration	\$750,000.00	\$2,500,000.00
Cytology Automation, Inc.	AcCell Automate PAP Smear Screening	\$750,000.00	\$4,000,000.00
Technika	Precision Measurement e-commerce sales	\$750,000.00	\$5,050,000.00
This is a 9/9/99 fest profect	100/0/ part 20/0/0	CU CUC	\$500 00

Company Name	Product/Project Title	NCIC Amount, \$	Leveraged, \$
Inventivo International Limited	Multi Lingual Speech Recognition (Internet based)	\$500,000.00	\$6,000,000.00
Dayton Alloy Whel	Chrome Plating (Aluminum alloy wheels)	\$400,000.00	\$800,000.00
The Surfin Café	Sandwich shop with internet connection	\$500,000.00	\$500,000.00
Maxum Automotive, Inc.	Automotive Running Board Company	\$250,000.00	\$250,000.00
CK Franchising, Inc.	Elderly In-horne Care	\$500,000.00	\$500,000.00
egardenpallo.com	Garden & Patlo e-commerce	\$500,000.00	
Elan Vital, Inc.	Managed Health	\$800,000.00	\$800,000.00
The Business Mentor.com	Business consulting via Internet	\$750,000.00	\$1,500,000.00
HomeInfoLink.com	Virtual Real Estate Office Solutions	\$750,000.00	\$2,000,000.00
BusinessHere.com	Business to Business E-Commerce	\$750,000.00	\$1,500,000.00
Trident Internet Services	Internet Service Provider	\$750,000.00	\$1,600,000.00
H.R. Chally Group	e-Commerce Expansion	\$500,000.00	\$5,000,000.00
Fluitec International	The "RULER" lubricant quality measuring devise	\$500,000.00	\$1,000,000.00
PogoNet International Solutions, Inc.	Full Service Internet Solutions	\$750,000.00	\$5,000,000.00
Bioreflection Laboratory	Alternative Medicine	\$150,000.00	\$150,000.00
InternetSound.com	Unix-Ilke Operating System	\$750,000.00	\$5,000,000.00
Searchlight eBook Training, Inc.	Portable all digital training system	\$750,000.00	\$1,000,000.00
(Rivorstong a-fulfillment	g-continoice	\$750,000.00	\$2,000,000.00
Revolutions LLC	Internet Marketeer of Wheelchalrs	\$750,000.00	\$1,000,000.00
InterLingua.Com, Inc.	B2B Internet Content Company Expansion		
MD Systems, Inc.	CardioGrip, Medical Device	\$750,000.00	\$1,000,000.00
Stewart Incorporated	Establish Theme Lounge	\$80,000.00	\$80,000.00
CertifiChecks.com	Gift Certificates On-Line	\$750,000.00	\$1,500,000.00
Energystics Technologies, Ltd.	EnergyBeam Technology		
Pete Bros,	Speedy Pete's Internet Directory	\$500,000.00	\$500,000.00
Alation Systems, Inc.	Wireless Home Networking Products	\$750,000.00	\$5,000,000.00
netresultsinc,com,fnc.	Internet Based Information clearinghouse	\$750,000.00	\$5,000,000.00
Creative Code Solutions	Electronic Commerce Development Company		
InfoCharms	Wireless Computing	\$750,000.00	\$10,000,000.00
Rival99.com	Internet Clothing Sales	\$750,000.00	\$2,000,000.00
findacorp, Inc.	Internet Company	\$750,000.00	\$10,000,000.00
ContRolling Technology, Inc.	Enterprise Control systems for Metal Industries (Internet)	\$750,000.00	\$1,250,000.00
Future Systems International, Inc.	Mail O Matic	\$750,000.00	\$2,400,000.00
Paramount Plastics and Polymers	High quality graphics printing company	\$470,000.00	\$500,000.00
A.F. Kelley	Growth Capital of ERP/e-commerce consulting company	\$750,000.00	\$10,000,000.00
InfoDream Corporalion	Move business to Miaml Valley	\$500,000.00	\$2,000,000.00
Engineering Design Development Services, Inc.	JeriDesk, Stable Desk for Van Based Businesses	\$750,000.00	\$2,000,000.00
MiracleCorp of Australia	Grow Consumer Brand Company	\$500,000.00	\$750,000.00
Irident Networks, Inc.	Web Hosting Organization	\$750,000,00	\$5,000,000.00

Carolina Momo	Product/Project Title	NCIC Amount, \$	Leveraged, \$
Company Name	Princhago of DEV Broducts and relocation to Dayton	\$500,000.00	\$3,500,000.00
TIMA	FUICITIASE OF DEA FLORICIS OF INTERCEMENT OF DAY OF	\$500,000.00	\$3,500,000.00
e-Containers Incorporated	C-Collidites.Colli	\$750,000.00	
AtHowTo.Com, Inc.	Comen service Florider	\$750,000.00	\$2,650,000.00
C&M Coaling and Partitions, Inc.			
Airbag Testing Technologies, Inc.	Recycled Alradg lest	\$750,000.00	\$10,000,000.00
Brilech Devices, Inc.	Har Panel Display (ite Visiali)	\$750,000.00	\$6,000,000.00
Indago	Londight of the source company of the source company	\$1,500,000,00	\$1,500,000.00
Megasort	Three Dimensional Personalized Products	\$500,000.00	\$1,000,000.00
inyourimage.com	Nava Contract	\$400,000.00	\$1,000,000.00
Bosma	INDAY COINING	\$750,000.00	\$35,000,000.00
Great Ethnic Food.com	DZC GITING TODOS (ITTERITO)	\$750,000.00	\$2,000,000.00
Mountain Monkey.com	Internal republications	\$350,000.00	\$350,000.00
Acquire Link	Internet Sales Charnel for Managachies	\$750,000,00	\$5,000,000.00
Linxonic Corporation	B2B Music Delivery Products	\$750.000.00	\$1 700 000 00
Spata Communications Corp.	Switch Based Telecommunications Company	87.50,000.00	00 000 000 6\$
Ray Franks enterprises, LLC	Precision Cast Cylinder Heads	00,000,000	\$2,000,000.00 \$300,000,000
Electronic Access, Inc.	Electronic Lien/Registration Processing Applications	00,000,0006	00,000,000,000
Vistech Consultants, Inc.	Distributor of niche products for doctors	\$300,000.00	3000,000,00
PhotoRevival.com	Photographic Gifts through Internet Sales	\$500,000.00	\$1,200,000.00
Benke Company, Inc.	Wireless Detection & Security Products	\$324,000.00	\$324,000.00
SF Systems, Inc.	Software Driven Automatic Metal Inspection Technologu	\$/50,000.00	\$4,000,000.00
lackaRyte Entertainment	Multimedia & Software Development Company	\$750,000.00	\$1,150,000.00
MANBARCODE ord clog my UPC.com	Bar Code Varification & Conformance Service	\$750,000.00	\$1,500,000.00
NetworkFyislon Inc.		\$750,000.00	\$12,000,000.00
VenWorkz	Localizad Wadding Informal Siles	\$400,000.00	\$400,000.00
AuntStella.com IId.	B2C Customized Greeting Card (internet)	\$/50,000.00	\$3,750,000.00
localville Inc.	Localized ISP	\$/50,000.00	\$1,000,000.00
Market Union.com	Internet Based Health Insurance Quote Service	\$750,000.00	\$2,500,000.00
Percipia Networks	ASP for the Hotel Industry	\$/50,000.00	\$5,655,000.00
Ameriserv.net	Total Service Internet Company	\$750,000.00	91,300,000.00
Port 18, Inc.	Personal Computer Product (Rachel)	00.000,007\$	94,000,000.00
Cycolor Inc.	Continuous tone dry Imaging system	\$750,000.00	\$25,000,000.00
Alexater Technologies III C.	Biological Analysis Equipment	\$750,000.00	\$1,000,000.00
	Encoding of advertising information on the Internet	\$750,000,00	\$3,137,000.00
Indiana	Internet promotions company	\$750,000.00	\$3,000,000.00
OBITOTION Tocholog Confeed Inc.	I ow Profile Night Vision Gogale	\$600,000.00	\$400,000.00
specialized lectrifical services, inc.		\$750,000.00	\$8,000,000.00
Zybron Oplical Electrollics, in c.	Internat Distrassed Debt Broker	\$750,000.00	\$11,500,000.00
E-Debt exchange, Inc.	THE PROPERTY OF THE PARTY OF TH	\$750,000,00	\$5,000,000.00

Company Name	Product/Project Title	NCIC Amount, \$	Leveraged, \$
Letter Tochoologies	h2b e-commerce apparel/textile industries	\$750,000.00	\$10,000,000.00
Sustain technicalities	Mass Media Communication Services	\$750,000.00	\$1,300,000.00
Captall	Illinosound Fauloment Sales & Service	\$100,000.00	\$100,000.00
Ulgison LLC	Online Joh Roard Cornbony	\$750,000.00	\$6,000,000.00
Jobborich, Com	R2R Customer Relationship Management	\$750,000.00	\$8,000,000.00
Souther rode LLC	"Shoe Valet" Product	\$250,000.00	\$250,000.00
Black Technology comportion	Telepharmacy Application Software	\$450,000.00	\$450,000.00
TravelWatch com	Internet Travel Procurement (TravelTracker)	\$500,000.00	\$2,000,000.00
DyModesimole com	Vertual Prescription Fulfillment	\$450,000.00	\$450,000.00
Alignoe Alcraft Corporation	Airplane Manufacturer	\$750,000.00	\$250,000,000.00
Gracefi ilveris com	Senior Citizen's Central Coordinating Web Site		
OrderCaphie	Wireless Internet Supply Chain Management	\$500,000.00	\$500,000.00
Market of ho	Auto-web Building Internet Application Services	\$750,000.00	\$3,000,000.00
The formers Diper Inc	Regional Diners	\$500,000.00	\$1,000,000.00
The DEDI Group Inc.	"Missina Link" Desktop EDI Software	\$750,000.00	\$5,000,000.00
Amorloan MadCate com	Medical Data Management Internet Portal	\$750,000.00	\$12,500,000.00
Emorganov Management Telecomminications.	EMIEL Emergency Management Communication	\$750,000.00	\$7,000,000.00
Mational Objette month com	Internet Enabled Child support Company	\$750,000.00	\$8,000,000.00
Floring Low	gateway to the flooring industry	\$750,000.00	\$15,000,000.00
GVP Incorporated	Business Automation & Workflow Software	\$750,000.00	\$2,000,000.00
Progediencom Inc.	Internet Searching via e-mail	\$750,000.00	\$3,000,000.00
leftvCkb.com	Internet Site Targeting Left Handed People	\$250,000.00	\$250,000.00
MathStar. Inc.	Digital Signal Process	\$750,000.00	\$8,000,000.00
irovelPartners. Inc.	Golf Travel Tour Company Expansion	\$750,000.00	\$6,000,000.00
Solutions com	Software Development Company	\$750,000.00	\$1,273,780.00
Morket Builders, Inc.	Value Added B2B e-comerce Distribution	\$750,000.00	\$750,000.00
FlexiSTAR.com	One Stop Shop for Web Site Development and Editing	\$750,000.00	\$5,400,000.00
Spectraline Incorporated	Mid infrared technology	\$500,000.00	\$1,000,000.00
e-lead Search, Inc.	Software Data Mining	\$750,000.00	\$2,000,000.00
Advanced Products Group, Inc.	Internet Distribution of Aftermarket Auto Parts	\$750,000.00	\$5,000,000.00
NextGen. Inc.	Plastic Disposable Medical Products	\$750,000.00	\$8,500,000.00
Cabins by the Ridge	recreational Lodging	\$250,000.00	\$550,000.00
a-destiny	On Line Distribution	\$750,000.00	\$75,000,000.00
Lord & Costle	Catalog Sales	\$750,000.00	\$2,500,000.00
Totally Crazy Inc.	Licensed Team Sports Products	\$750,000.00	\$1,500,000.00
19 Systems Inc.	Customized Hand Held Hardware & Software	\$750,000.00	\$12,000,000.00
The Haelon Group	Health Care Provider Management System	\$500,000.00	\$2,500,000.00
Officescopes	B2B Office Floral Arrangements	\$750,000.00	\$3,000,000.00
Flootel Inc.	Software & Internet Development	\$750,000.00	\$50,000,000.00

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Company Name	Product/Project Title	NCIC Amount, \$	Leveraged, \$
Ichurchfinder.com	Religious Institution Data Base	\$750,000.00	\$1,000,000.00
Transclick, Inc.	Adcanced Computer Translation (ASP)	\$750,000.00	
Electric Vehicles International, Inc.	Electric Vehicles	\$750,000.00	\$5,000,000.00
StrollerFit	Product & Franchise Launch	\$750,000.00	\$1,500,000.00
Strategic Momentum, Inc.	Software Development Company	\$300,000.00	\$300,000.00
Global Hybrid Networks	High Speed, High Bandwidth DSL Access	\$750,000.00	\$5,000,000.00
National Child Support.com	Internet Child Support collections	\$750,000.00	\$222,500.00
ConnectedCampus.com	Internet Post Secondary School Search Tool	\$750,000.00	\$3,000,000.00
Cornerstone Federal Bank	Internet Banking	\$750,000.00	\$10,000,000.00
Caretrace, Inc.	Desease Management		
Cimetric Commerce, Inc.	On Line Retail	\$750,000.00	\$25,000,000.00
Chesapeake Composites Corporation	Aluminum Composites	\$750,000.00	\$2,000,000.00
Oxyfast Corporation	Oxypatch, Smart Bandage		
Cercorp Initiatives, Inc.	Titan Wall system Manufacturing Materials	\$750,000.00	\$916,713.00
Backyard Barbeques, Inc.	Golf Ball Shaped Gas Grill	\$750,000.00	\$1,000,000.00
Convenience Companions	Automated Home Cleaning Devices	\$750,000.00	S
Perio Products Manufacturing, Inc.	Female Beauty Products	\$750,000.00	\$2,650,000.00
White Stone Group, Inc.	Healthcare Information Software	\$500,000.00	\$2,000,000.00
Mavrik Motors	reluctance Motor and Drive Technology		
LapStand, Inc.	LapStand, Portable Stand for Notebook Computers	\$750,000.00	\$1,500,000.00
Atlantis Group of Ohlo, Inc.	Internet Joint Ventures	\$750,000.00	\$1,000,000.00
ScholarShops, Inc.	Internet Affrity Rebate Shopping Mall	\$750,000.00	\$3,000,000.00
Digital Interface Systems, Inc.	Data Acquisition Systems	\$750,000.00	\$1,000,000.00
Adternity	Internet Advertising/Entertainment Site	\$300,000.00	\$1,200,000.00
GoAntiques, Inc.	Internet Antique Broker	\$750,000.00	\$7,000,000.00
B-Alert, Inc.	911 Emergency Strobe Light & Panic Button	\$750,000.00	\$750,000.00
Mizar Technologies LLC	Global Positioning System	\$750,000.00	\$2,000,000.00
MedBusiness.net, inc.	Doctor Office B2BServices	\$750,000.00	\$10,000,000.00
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Product/Project Title

Company Name

Other Funds Leveraged, \$

NCIC Amount, \$

Pending Investment Prospects (Application Complete)	on Complete)		
Omeda Company, Inc.	Recapitalization	\$750,000.00	\$12,000,000.00
Edensingee Systems Corporation	Phytoremediation - Ilcense of Phytolife technology	\$0.00	\$2,000,000.00
Mound Manufacturing Center.LC	Equipment financing	\$35,000.00	\$313,000.00
		\$785,000.00	\$14,313,000.00

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Company Name	Product/Project Title	NCIC Amount, \$	Leveraged, \$
Pending investment Projects (Application Incomplete)	ation incomplete)		
SchoolOne.com	ASP Provider for K-12 Education	\$750,000.00	\$1,500,000.00
Hilaraeve. Inc.	HyperSend, Secure Internet Delivery	\$500,000.00	\$5,000,000.00
Thinkronize, Inc.	Internet Academic Research Engine	\$750,000.00	\$15,000,000.00
Cadic Technologies International, Inc.	Thin Wall Stainless Steel Castings	\$750,000.00	\$1,600,000.00
Eppointments, Inc.	Professional Scheduling ASP	\$750,000.00	\$2,000,000.00
Construction-Zone, Inc.	Product Data Management Construction Industry	\$750,000.00	\$10,000,000.00
Medfuity LtC	Emergency Medical Department Software	\$750,000.00	\$1,200,000.00
PointGlobal	b2b Trade Management Company	\$750,000.00	\$5,000,000.00
Cirus Industries, Inc.	Single Piston All Composite Aircraft	\$750,000.00	\$25,000,000.00
Virtualintern	On Line Personnell Recruitment	\$750,000.00	\$8,000,000.00
Clareos	Internet Based Analytic Software Solutions	\$750,000.00	\$12,000,000.00
OLO, Inc.	Internet Employee Incentive Program	\$750,000.00	\$1,000,000.00
PacSmart.com	828 Online Packaging Procurement Center	\$500,000.00	\$3,500,000.00
IDI Systems, Inc.	Location Determination Technology	\$750,000.00	\$1,200,000.00
Shopmylogn.com	Brick & Click Mortgage Services	\$750,000.00	\$5,000,000.00
Clmcor, Inc.	Business Applications & e-commerce Solutions	\$750,000.00	\$5,000,000.00
Everyware, Inc.	Internet Services	\$750,000.00	\$6,000,000.00
RM2M Solutions	e-commerce Infrastructure	\$750,000.00	\$5,000,000.00
CII Products, Inc.	Control Networking Technology	\$750,000.00	\$2,000,000.00
HealthSource, Inc.	Full Service Allied Health Workforce Management Company	\$750,000.00	\$750,000.00
Fost3 1td	Advance Feed Back Technology	\$750,000.00	\$6,000,000.00
		\$15,250,000.00	\$121,750,000.00

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NCIC'S CLIENT COMPANIES HAVE BEEN CREATING HIGH VALUE ADDED JOBS **APPENDIX C**

NCIC COMPANIES	DATE APPROVED FOR FUNDING	DATE NCIC SUCCESSFULLY EXITED			ACTU	ACTUAL EMPLOYMENT	YMENT		
			1994	1995	1996	1997	1998	1999	2000
FUNDED INVESTMENT PROJECTS									
APEX TECHNICAL PRODUCTS	22-Apr-96		0	0	4	2	2	10	3
APPLIED SCIENCES/PYROGRAPH PRODUCTS	17-Feb-97		9	9	9	11	17	17	23
BOSMA MACHINE AND TOOL CORPORATION	2-Nov-95	30-Nov-98	85	85	90	93	93	93	93
CENTURY AEROSPACE"	16-Feb-96	29-Dec-99	9	11	9	9	8	15	50
CHEYENNE INDUSTRIES	18-Jul-95		0	3	2	0	0	0	0
COLOR SAVVY SYSTEMS, LLC.	20-Mar-97		0	11	11	15	27	43	9
DEEP DISCOUNT NETWORK	27-Jun-95		0	2	9	0	0	0	0
FISHER DATA PRODUCTS	22-Jul-99		0	0	16	20	22	22	22
HEARTI AND AIRLINES	21-Dec-99		0	0	0	0	0	14	15
IAMCARD	96-un2		0	0	2	4	9	8	7
INNOVAN. INCORPORATED	28-Oct-99		0	0	0	0	0	8	35
INTELLIGENT ALGORITHMS	19-Aug-96		0	0.5	9	7	7	7	9
КОНОІ	18-Oct-96		27	27	17	14	20	0	0
MASTERS AEROSPACE AND SYSTEMS, INC.	25-Jul-95		9	3	2	2	2	0	0
NEW CARLISLE MANUFACTURING	2-Aug-95		0	3	3	3	4	2	2
PHYTOLIFE SCIENCES, INC.	4-Apr-95		22	9	9	5	5	0	0
PINNACLE PRODUCTS GROUP, LLC	19-Mar-98		0	0	0	2	5	9	5
PRIVATIZER SYSTEMS, INC.	23-Jun-97		0	0	0	10	10	10	23
RENAISSANCE SYSTEMS, INC.	7-Jun-95		0	0	6	13	28	52	60
TIME	4-Apr-95		0	2	2	0	0	0	0
TITUS INTERNATIONAL	96-Jun-96		0	0	2	5	0	0	0
TOUCHLITE INDUSTRIES, INC.	96-unf-2		0	0	2	4	0	0	0
TRANSWAVE INTERNATIONAL, INC.	21-Jul-95		0	9	8	7	7	7	8
VARIS INCORPORATED	16-Apr-98		7	7	7	38	36	36	3
VOCALEX	17-Jul-96		0	0	1	3	co.	2	8
INVESTMENTS			142	173	208	267	307	355	372
PENDING INVESTMENTS									
SUBTOTAL PENDING INVESTMENTS			0	0	٥	0	٥	0	0
TING THE CASE OF T			641	173	208	767	307	355	372
TOTAL ESTIMATED EMPLOTMENT				<u> </u>					

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Appendix D - Chronology of Milestones and Results

NCIC established with federal appropriation of \$10 million that is distributed 1994 through Wright Patterson Air Force Base. Ohio legislation HB 715 to establish and provide matching funds for NCIC becomes effective. Legislation titled the Defense Conversion Assistance appropriates \$7 million for NCIC. 1995 State of Ohio accepts the NCIC Operating Plan and Budget. First loan awarded to PhytoLife Sciences Inc., Columbus, Ohio NCIC ended 1995 with 8 investments in its portfolio which employed 142 persons. Revenues for NCIC's portfolio companies exceeded \$10 million in 1995. 1996 NCIC ended 1996 with 14 investments in its portfolio which employed 173 persons. Revenues for NCIC's portfolio companies exceeded \$18 million in 1996. 1997 Request submitted to the Ohio Attorney General regarding a not-for-profit organization's use of State funds for equity investments. NCIC ends 1997 with a total of 14 investments in its portfolio after making 3 new investments in 1997. NCIC portfolio companies employed 208 persons at the end of 1997. There were 267 persons employed in NCIC portfolio companies at the end of 1997. Revenues for NCIC portfolio companies exceeded \$17 million in 1997. 1998 Ohio Attorney General grants NCIC approval to make equity investments using State of Ohio funds NCIC ended 1998 with 15 companies in its portfolio after making 3 new investments, successfully exiting one investment and losing another when the company ceased operations. Companies in the portfolio employed 307 persons at the end of 1998. Revenues for NCIC portfolio companies exceeded \$23 million in 1998. NCIC successfully exited its first investment - Bosma Machine and Tool

Company.

1999 NCIC ended 1999 with 19 companies in its portfolio after making 5 new investments and successfully exiting one investment.

There were 362 persons employed by NCIC's portfolio companies at the end of 1999.

Revenues for NCIC portfolio companies exceeded \$27 million in 1999.

NCIC successfully exited its second investment - Century Aerospace Corporation.

2000 NCIC ended 2000 with 15 companies in its portfolio.

There were 372 persons employed by NCIC's portfolio companies in 2000.

Revenues for NCIC portfolio companies exceeded \$34 million in 2000.

NCIC Capital Fund successfully completed the Ohio Grant by expending all of the funds.

NCIC successfully completed its sixth year of making investments.

Appendix E - Commercialization of Technologies by NCIC's Prospects

TECHNOLOGY AREA	NCIC CLIENTS/PROSPECTS
Wright Patterson Air Force Base	
Support for aircraft design and production	Century Aerospace Company
Polymer based actuators	TCAM Technologies
Ceramics oxygen generation system	CeramPhysics
Smart Mask Technology	Biomedical Innovations
Avionics technology	Masters Aerospace
Material specifications	Renaissance Systems, Inc.
Liquid crystal displays	Kent Display Systems, Inc.
Corrosion protection on underground systems	TransWave International
Global positioning satellites	Transmap, Inc.
Jet engine compressors/expanders	RETCO, Inc.
Chemiluminessence	Lighting Technologies, Inc.
Parallel computer processing	INTELLX
Brain activated technologies	Brain Activated Technologies
Embedded software	ITCN, Inc.
Glass cockpit technology	Advanced Creations, Inc.
Digitized text extracting	Intelligent Algorithms
General aviation aircraft upgrades	Commander-Aero
Missile system outer shells	Shape Form, Inc.
Real time medical speech recognition	Vocalex, Inc.
Carbon fiber manufacturing methods	Applied Sciences, Inc.
Jet engine vane manufacturing	Electro-Jet
Aircraft design evaluation	Gevers Aircraft (Indiana)
Minimally invasive surgery	Diagnostic Instruments
Avionics system marketing partners	Masters Aerospace and Systems
Edison Centers	
Plastics processing (EPIC)	Cheyenne Industries
Manufacturing (IAMS + EMTEC)	Micropyretics Heaters Int'l, Inc.
Materials support (EMTEC)	Global Manufacturing Solutions
Materials support (EMTEC)	Faraday Technologies
Materials specifications (EMTEC)	Renaissance Systems, Inc.
Materials support (EMTEC)	IAP Research
Materials support (EMTEC)	T.I.M.E.
Materials support (EMTEC + EPIC + EWI)	APS Materials
Carbon fibers production and materials (EMTEC)	Applied Sciences, Inc.
Biological systems support (EBTC)	PhytoLife Sciences, Inc.
Jet engine vane manufacturing (IAMS)	Electro-Jet
High pressure tank welding (EWI)	ACE Technical Resources
Photovoltaic manufacturing (CAMP)	PhotoVolt
Manufacturing (IAMS)	Apex Technical Products
Manufacturing software privatization (IAMS)	AgilTech (IAMS Software Division)
Welding market information (EWI)	Titus Corporation

TECHNOLOGY AREA	NCIC CLIENTS/PROSPECTS
NASA Glenn Research Center	
Computational fluid dynamics analysis	Century Aerospace Company
Testing of S-shaped duct	Century Aerospace Company
Fuel economy improvement for jet engines	Telectro-MEK, Inc.
High Intensity Photovoltaics	Photovolt
Glass cockpits for general aviation	Advanced Creations, Inc.
Collision avoidance system for trucks	Ground Systems, Inc.
Ion exchange resin technology	Solar Universal Technologies, Inc.
Conductive Polymers	GeoTech Incorporated
Biodegradable Polymers	ECM BioFilms, Inc.
Electronic door locks	Hoffman Electronics
Internet products	Amusineering
Federal Aviation Administration	
Aircraft type certification	Century Aerospace Company
Fuel economy improvement for jet engines	Telectro-MEK, Inc.
Aircraft type certification	Advanced Creations, Inc.
Supplemental and type certification	Commander-Aero
Aircraft certification	Gevers Aircraft Corporation
Aircraft certification	Navion Aircraft Corporation
Ohio Universities	
High temperature manufacturing (UC)	Micropyretics Heaters Int'l, Inc.
Wind tunnel testing (OSU)	Century Aerospace Company
High pressure storage (OU)	Ace Technical Resources
General aviation re-manufacturing (OSU)	Commander-Aero
Phase change materials (UD)	VacuPanel, Inc.
Integrated circuits manufacturing (OSU)	ChipWorks (now called Micrys)
Department of Energy Sites	
Environmental remediation (Mound)	SELENTECH, Inc.
Environmental remediation (Mound)	PhytoLife Sciences, Inc.
Environmental remediation (Fernald)	Cercona Corp.
Flexible printed circuit boards (Mound)	Mound Flexible Circuits Co.
Rigid and flexible printed circuits (Mound)	T.I.M.E.
Privatization of radiological services (Mound)	The Alpha Group
Electromagnetic Shielding (Mound)	Epsilon Materials, Inc.

TECHNOLOGY AREA	NCIC CLIENTS/PROSPECTS
Incubators	
Hamilton County Business Development Center	Micropyretics Heaters Int'l, Inc.
Columbus Business Development Center	PhytoLife Sciences, Inc.
Columbus Business Development Center	Transmap
Columbus Business Development Center	Micrys (formerly Chipworks)
Columbus Business Development Center	The Attia Applied Sciences, Inc.
Columbus Business Development Center	Apothetech
Mound Incubator	Global Manufacturing Solutions
Mound Incubator	T.I.M.E.
Mound Incubator	Graceway
Mound Incubator	Mound Flexible Circuits
Mound Incubator	Mound Laser and Photonics Center
Mound Incubator	Mound Heat Source
Mound incubator	Epsilon Materials, Inc.
NASA Lewis Incubator for Technology (LIFT)	Ground Systems, Inc.
NASA Lewis Incubator for Technology (LIFT)	Solar Universal, Inc.
NASA Lewis Incubator for Technology (LIFT)	Diagnostic Instruments
Edison Cleveland Incubator	Noteworthy Medical
Edison Cleveland Incubator	Aethersys
Manufacturing Extension Centers	
Manufacturing system evaluation	Global Manufacturing Solutions
Manufacturing system evaluation	Faraday Technologies, Inc.
Manufacturing system evaluation	Renaissance Systems, Inc.
Manufacturing system evaluation	Cheyenne Industries
Manufacturing system evaluation	APS Materials
Manufacturing system evaluation	New Carlisle Manufacturing

6. List of Symbols, Abbreviations and Acronyms

AFRL Air Force Research Laboratory
ATP Advanced Technology Program
CAI Composites Affordability Initiative

CAMP Center of Advanced Manufacturing Program

CRDA Cooperative Research and Development Agreement

DESC Defense Electronic Supply Center

DoD Department of Defense

EMTEC Edison Materials Technology Center EPIC Edison Polymer Innovations Center

EWI Edison Welding Institute
DOE Department of Energy

IAMS Institute for Advanced Manufacturing Sciences

M Million

ML Materials and Manufacturing Directorate

NASA National Aeronautics and Space Administration

NASA LIFT NASA Lewis Incubator for Technology

NCIC National Center for Industrial Competitiveness
NIST National Institutes of Science and Technology

ODOD Ohio Department of Development

P4 Programmable Powdered Preform Process

P4A Programmable Powdered Preform Process for Aerospace

SBIR Small Business Innovation Research
WPAFB Wright Patterson Air Force Base

WTN Wright Technology Network U.S. United States

USAF United States Air Force